

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	A&S	<b>CAS</b>	<b>1110</b>	<b>Tradition and Inquiry in the Classical World</b>	DIS	DI	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Permission required and acceptance into A&S scholars program Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1110</b>	<b>Tradition and Inquiry in the Classical World</b>	LEC	EL	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Permission required and acceptance into A&S scholars program Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1110</b>	<b>Tradition and Inquiry in the Classical World</b>	LEC	LE	4	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Permission required and acceptance into A&S scholars program Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1120</b>	<b>Tradition and Inquiry in the Medieval and Renaissance Worlds</b>	DIS	DI	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		CAS 1110 Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1120</b>	<b>Tradition and Inquiry in the Medieval and Renaissance Worlds</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		CAS 1110 Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1120</b>	<b>Tradition and Inquiry in the Medieval and Renaissance Worlds</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		CAS 1110 Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.									
A&S	A&S	<b>CAS</b>	<b>1130</b>	<b>Career Planning in the Liberal Arts</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Permission required The purpose of this class is to provide an opportunity for students to learn about and develop the necessary skills in all areas of career planning. Career development involves more than just choosing a major or occupation; it consists of assessing interests, skills, values, motivations, understanding the necessary employability skills needed to succeed in the world of work, learning the steps of an effective internship/job search, and gaining an awareness of the steps in the career decision making process. This course is designed to promote self-discovery, explore career choices, expand the understanding of the relationship between education and the World of Work, and the career decision making process. Students will participate in guided self exploration, experiential learning and goal setting.									
A&S	A&S	<b>CAS</b>	<b>1130</b>	<b>Career Planning in the Liberal Arts</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Permission required The purpose of this class is to provide an opportunity for students to learn about and develop the necessary skills in all areas of career planning. Career development involves more than just choosing a major or occupation; it consists of assessing interests, skills, values, motivations, understanding the necessary employability skills needed to succeed in the world of work, learning the steps of an effective internship/job search, and gaining an awareness of the steps in the career decision making process. This course is designed to promote self-discovery, explore career choices, expand the understanding of the relationship between education and the World of Work, and the career decision making process. Students will participate in guided self exploration, experiential learning and goal setting.									
A&S	A&S	<b>CAS</b>	<b>1410</b>	<b>Food Matters! Explorations in Food Across the Liberal Arts</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		No Credit for both this course and the following: CAS 1400 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>1415</b>	<b>Introduction to Sustainability</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	A&S	<b>CAS</b>	<b>1425</b>	<b>War, Peace and Security</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2100X</b>	<b>Mapping the Future: Grand Challenges of the 21st Century</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		An interdisciplinary course that will lead students to critically evaluate and analyze diverse viewpoints in contemporary debates. Students will explore the principles of debating controversial issues, evaluating arguments and making informed predictions about future outcomes.									
A&S	A&S	<b>CAS</b>	<b>2130X</b>	<b>Career Strategies: Internship and Job Mapping</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WARNING: Not CAS 1130X or CAS1130						
		COURSE DESC:		This course will equip students with the tools necessary to plot their goals for gaining experience prior to graduation and begin taking action on short and long term career goals. This course is designed to promote self-reflection, assist student 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 for completing an internship in their field of interest during summer 2015. Students will complete this course with a clear understanding of internship searching resources, knowledge of how to prepare an effective set of application documents for an internship, and how to be a professional team member once they participate in their internship.									
A&S	A&S	<b>CAS</b>	<b>2300X</b>	<b>Themes in Action</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		This course focuses on key questions and topics related to a selected curricular theme, such as Food Studies; From Fire to iPhone; Making and Breaking the Law; Sustainability Studies; War and Peace; Wealth and Poverty. (Each participating theme will be allocated a unique section number for the course.) Through the course, student 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 discuss/reflect on these events and activities in their respective Themes in Action class section.									
A&S	A&S	<b>CAS</b>	<b>2402X</b>	<b>Transitions: From Campus to Career Success to Wealth Creation and Protection</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will prepare students for a flexible, but directed plan of wealth protection, career planning, and retirement projections. Lectures, written assignments, and engagement with career professional, on and off campus, will teach life skills to students in order to navigate resources for wealth protection now and in the future. The course provides early awareness of key life outcomes and then provides tools and suggested actions that, if repeated overtime, can become enduring positive habits. Topics will include, but are not limited to: Getting a job, thriving in that role, efficiently replacing that job if need be, being smart with the money you make along the way, while building a path toward potential wealth and financial independence via a plan that you understand and can take action upon.									
A&S	A&S	<b>CAS</b>	<b>2405</b>	<b>Knowing What We Know</b>	DIS	DI	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph and WARNING No credit for both this course and the following (always deduct credit for first course taken): CAS 2400						
		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>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph and WARNING No credit for both this course and the following (always deduct credit for first course taken): CAS 2400						
		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>	FLD	FE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>2410</b>	<b>The Principles and Practice of Food Justice</b>	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	A&S	<b>CAS</b>	<b>2500</b>	<b>Breaking the Law Theme Seminar</b>	LEC	LE	4	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		The dominant global forces that have defined the 21st century have massively transformed law and legal frameworks, at both local and global levels. How do states assert power and enact violence through law, and how are these enactments resisted, challenged, and overcome? What does justice mean in relation to citizenship, political dissent, and political discourse in the U.S.? In relation to international human rights regimes and post-conflict justice mechanisms? In relation to global disparities in access to health care and other basic human goods? How are our understandings of our own bodies, lives, and futures shaped by law? This four-credit team-taught interdisciplinary course sets out these and other central questions about law, justice, social change, human rights, globalization, and technology in the new global era.									
A&S	A&S	<b>CAS</b>	<b>2500</b>	<b>Breaking the Law Theme Seminar</b>	SEM	SE	4	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		The dominant global forces that have defined the 21st century have massively transformed law and legal frameworks, at both local and global levels. How do states assert power and enact violence through law, and how are these enactments resisted, challenged, and overcome? What does justice mean in relation to citizenship, political dissent, and political discourse in the U.S.? In relation to international human rights regimes and post-conflict justice mechanisms? In relation to global disparities in access to health care and other basic human goods? How are our understandings of our own bodies, lives, and futures shaped by law? This four-credit team-taught interdisciplinary course sets out these and other central questions about law, justice, social change, human rights, globalization, and technology in the new global era.									
A&S	A&S	<b>CAS</b>	<b>2600</b>	<b>Tech Matters</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	A&S	<b>CAS</b>	<b>2900</b>	<b>Special Topics in College of Arts and Sciences</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	1	2		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	CAS 4911 concurrent						
		COURSE DESC:		The course provides a discussion forum for students who wish to understand how food works in the community. No prior background or training in food studies is required. The seminar will comprise a broad set of issues connected to food security, production, processing, marketing, distribution, consumption, composting, food choices, and food culture.									
A&S	A&S	<b>CAS</b>	<b>4910X</b>	<b>Arts &amp; Sciences Internship</b>	PRA	PR	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Provides students with an opportunity to enhance their skills in a supervised work environment. Allows students to receive "hands-on" experiences in businesses or non-profit organizations.									
A&S	A&S	<b>CAS</b>	<b>4911</b>	<b>Internship in How Food Works in the Community</b>	FLD	FE	1 to 8	16		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		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 for Certificate in Law, Justice, &amp; Culture</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to Law, Justice and Culture Certificate Program.						
		COURSE DESC:		This course is provided to students who have been admitted to the Law, Justice, & Culture certificate program. It is a core course that exposes students to sociolegal study from an interdisciplinary perspective. Students will 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 will form an intellectual community as part of the Center for Law, Justice, & Culture's certificate program.									

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A&S	A&S	<b>LJC</b>	<b>3910</b>	<b>Externship in Law, Justice &amp; Culture</b>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CAS 2500 and selection through an application process sponsored by the Center for Law, Justice and Culture 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>3915</b>	<b>Post-Externship Seminar in Law, Justice &amp; Culture</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LJC 3910 This course is designed for students who have completed LJC 3910: Externship in Law, Justice & Culture. LJC 3915 provides students with opportunities for collective reflection and guidance on how their externship experiences can be integrated into their current and future academic and professional development. The class focuses on discussions and exercises that enable students to (1) reflect on and discuss the experiential, academic, and professional dimensions of the program they participated in; and (2) produce a tangible final externship project that can be used to support ongoing educational and professional pursuits.									
A&S	A&S	<b>LJC</b>	<b>3915</b>	<b>Post-Externship Seminar in Law, Justice &amp; Culture</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LJC 3910 This course is designed for students who have completed LJC 3910: Externship in Law, Justice & Culture. LJC 3915 provides students with opportunities for collective reflection and guidance on how their externship experiences can be integrated into their current and future academic and professional development. The class focuses on discussions and exercises that enable students to (1) reflect on and discuss the experiential, academic, and professional dimensions of the program they participated in; and (2) produce a tangible final externship project that can be used to support ongoing educational and professional pursuits.									
A&S	A&S	<b>LJC</b>	<b>4500X</b>	<b>Seminar in Law, Justice &amp; Culture</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr An advanced interdisciplinary seminar course dealing with topics of current interest in law and society studies. The topic varies according to instructor.									
A&S	A&S	<b>LJC</b>	<b>4910</b>	<b>Legal Internship in Law, Justice &amp; Culture</b>	FLD	FE	1 to 6	6		D	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3.0 GPA and (Soph or Jr or Sr) and Permission required 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>	SEM	SE	1	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3.0 GPA and (Soph or Jr or Sr) and LJC 4910 concurrent and Permission required 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>T3</b>	<b>4400</b>	<b>Seminar in Wealth and Poverty</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (AAS 1060 or GEOG 1310 or HIST 1330 or SOC 2300 or SW 2601) and Sr only The aim of the course is to provide students with an appreciation of the ways in which the intersectionality of class, race, ethnicity and gender shape inequality of economic and social opportunities. The course draws on readings from Geography, Sociology, Economics, Literature, Women and Gender Studies and other disciplines. It begins with an investigation of systems of power and inequality with specific attention to race and racism and gender and sexism and their intersectionality with other forms of difference. The structure of social institutions and their influence in everyday life that produces wealth and inequality will also be examined. The relationship between population and environment will be examined through a gendered and economic lens. The economic and social-political dimensions of global inequality will be highlighted through case studies. The course will wrap up with an analysis of a recent biography and novel that will be carefully selected to allow students to synthesize information covered in the course. The course will integrate class meetings with related activities on campus, and wrap up with a wealth and poverty research expo open to OU faculty and students.									
A&S	A&S	<b>T3</b>	<b>4414</b>	<b>The True Value of Food</b>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, P BIO, POLS, or SOC) 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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, P BIO, POLS, or SOC) 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only and (CAS 1410 or 3 credits ANTH, ECON, GEOG, NUTR, BIOS, P BIO, POLS, or SOC) This course explores the real value of food in terms of production and consumption to understand and re-evaluate where our food comes from and how this impacts what people choose to buy and eat. The lab course component includes participation in field trips to local farms, developing a small market garden, and cooking what is grown. The lab component and the course content have a strong regional, South East Ohio focus.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	<b>AAS</b>	<b>1010</b>	<b>African American History I, 1526-1875</b>	LEC	EL	3	0	2SS	N	U10		0
				ELIGIBLE GRADES: 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>1010</b>	<b>African American History I, 1526-1875</b>	LEC	LE	3	0	2SS	N	U10		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		N	U10		0
				ELIGIBLE GRADES: 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>1060</b>	<b>Introduction to African American Studies</b>	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0	2HL	N	U10		0
				ELIGIBLE GRADES: 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>	DIS	DI	4	0	2HL	N	U10		0
				ELIGIBLE GRADES: 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	<b>AAS</b>	<b>1500</b>	<b>Africana Media Studies</b>	LEC	LE	4	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined.									
				In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet.									
				This course will attempt to include all aspects of the media to facilitate the examination of the Africana experience. However primary attention will be given to television, film and radio. The course will follow a loose chronological approach from early media to contemporary media. While the primary focus is on Africana media it does not preclude discourse on other related media studies issues, it is however the emphasis for this course.									
A&S	AAS	<b>AAS</b>	<b>1900</b>	<b>Difficult Dialogues: Race, Law, and Religion in America</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>2020</b>	<b>African American History II, 1876 to late twentieth century</b>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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A&S	AAS	<b>AAS</b>	<b>2250</b>	<b>History of the African American Worker</b> ELIGIBLE GRADES: A-F COURSE DESC: African-American workers have had a profound effect on U.S. labor and its history. This course will examine the transformation of the African-American working class from the post-Civil War period through the late twentieth-century. African American workers and their community organizations played an integral role in shaping the American working class experience from the maturing industrial period through post-industrial period of U.S. history. We will analyze the changing relationship between capital and labor, employers and employees while evaluating the shifting meanings of <i>owners</i> and <i>workers</i> over time. Through the lenses of race, gender, and sexuality we will also analyze the developments in African American working-class culture and politics.	LEC	LE	3	0		N	U10		0
A&S	AAS	<b>AAS</b>	<b>2500</b>	<b>Blackness and the Arts</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U10		0
A&S	AAS	<b>AAS</b>	<b>2540</b>	<b>History of Injustice in the United States</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to give a socio-legal-historical perspective respecting the patterns of injustice in various areas of African American life. American Blacks are, of course, not the only victims of racism/injustice, but in the past they have been - by far - the largest and the most active of the country's minorities and thus the appropriate focus for review of the law and injustice.	LEC	LE	3	0		N	U10		0
A&S	AAS	<b>AAS</b>	<b>2900</b>	<b>Special Topics in African American Studies</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	AAS	<b>AAS</b>	<b>2900</b>	<b>Special Topics in African American Studies</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	AAS	<b>AAS</b>	<b>3100</b>	<b>Postmodern Blackness: Identity and Culture in Contemporary African American Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Relying on contemporary literary criticism and theory, this course focuses on Postmodern African American literature of the 1960s and later. Typically concerns writers who emerged as major figures during this period, including such authors as Toni Morrison, Alice Walker, and Ishmael Reed. Attention also given to major literary, theoretical, cultural, and aesthetic developments that developed among black writers, critics, and theorists.	LEC	EL	3	0		N	U30		0
A&S	AAS	<b>AAS</b>	<b>3100</b>	<b>Postmodern Blackness: Identity and Culture in Contemporary African American Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Relying on contemporary literary criticism and theory, this course focuses on Postmodern African American literature of the 1960s and later. Typically concerns writers who emerged as major figures during this period, including such authors as Toni Morrison, Alice Walker, and Ishmael Reed. Attention also given to major literary, theoretical, cultural, and aesthetic developments that developed among black writers, critics, and theorists.	LEC	LE	3	0		N	U30		0
A&S	AAS	<b>AAS</b>	<b>3110</b>	<b>Harlem Renaissance: African American Literature of the Early 20th Century</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on the extraordinary yield of interwar period (c. 1915-1940) African American authors, placing the literary study in the context of political and cultural history. The course will explore such questions as how the renaissance may be seen in terms of modernist aesthetics and transnational culture. Also of interest will be the question of the renaissance and radical politics. The class will consider the Harlem Renaissance, what's more, vis-à-vis the sexual and gender revolution of 1920s. Typically readings will include works like Langston Hughes's <i>The Weary Blues</i> , Zora Neale Hurston's <i>Their Eyes Were Watching God</i> , Claude McKay's <i>Home to Harlem</i> , Alain Locke's <i>The New Negro</i> , Nella Larsen's <i>Passing</i> , and Jean Toomer's <i>Cane</i> , along with criticism on the Harlem Renaissance. Students will write a critically researched paper and be administered essay exams. The aim of the course is to equip the student with a strong academic knowledge of Harlem Renaissance literature in its historical context.	LEC	LE	3	0		N	U30		0
A&S	AAS	<b>AAS</b>	<b>3170</b>	<b>Black Transnational Literature: Caribbean and Transcultural African American Writing</b> ELIGIBLE GRADES: A-F COURSE DESC: Covers Caribbean and related African American literary writing, with a view toward understanding the importance of the role of Caribbean literature in Black Diaspora and black transnational cultures. Readings may include works by such authors as C.L.R. James, Jamaica Kincaid, Paule Marshall, and Derek Walcott, a cross-genre sampling of fiction, poetry, and drama. The course will also read relevant post-colonial theory and post-imperialist criticism, including writings by such figures as Paul Gilroy and Stuart Hall.	LEC	EL	3	0		N	U30		0

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A&S	AAS	<b>AAS</b>	<b>3170</b>	<b>Black Transnational Literature: Caribbean and Transcultural African American Writing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Covers Caribbean and related African American literary writing, with a view toward understanding the importance of the role of Caribbean literature in Black Diaspora and black transnational cultures. Readings may include works by such authors as C.L.R. James, Jamaica Kincaid, Paule Marshall, and Derek Walcott, a cross-genre sampling of fiction, poetry, and drama. The course will also read relevant post-colonial theory and post-imperialist criticism, including writings by such figures as Paul Gilroy and Stuart Hall.									
A&S	AAS	<b>AAS</b>	<b>3400</b>	<b>The African American Community Since World War II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Explores how, when and why people of African descent use the concept "community" to express those social practices that make group life meaningful. This course focuses on how people of African descent in the United States respond to public policies and create social practices that affect collective efforts to build and sustain everyday life as a social and cultural collective.									
A&S	AAS	<b>AAS</b>	<b>3410</b>	<b>African American Personality</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examination of organization and structure of African American personality within American and African sociopsychological contexts. Special emphasis on various forces that shape African American personality.									
A&S	AAS	<b>AAS</b>	<b>3450</b>	<b>The Black Woman</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines the complex experience of being a Black woman in America. It addresses such topics as identify, black male-female relations, black feminism, social mobility and activism from a sociohistorical perspective.									
A&S	AAS	<b>AAS</b>	<b>3460</b>	<b>Black Men and Masculinities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Black Men and Masculinities is an interdisciplinary course that examines the diverse experiences of black men and the public discourses about black masculinities primarily in the U.S. The major thrust of the course is to examine how the gendered social order influences black men's actions and the way black men perceive themselves, other men, women, and social situations. We will use an intersectionality perspective to explore the relationships between multiple dimensions of social relations and inequalities: gender, race/ethnicity, class, and sexual orientation. We will also consider how black masculinities are produced in various physical/social sites. This course evaluates the prospects for social change in how black men think, feel, and act. It addresses issues such as: black male socialization and boyhood/guyland culture, the black male body image, black male friendship, black male sexuality and fertility, black men's experiences as fathers and their involvement in volunteer and paid youth work, male aggression and violence, the social construction of masculinities in different historical and cultural contexts, and men's movements and networks.									
A&S	AAS	<b>AAS</b>	<b>3500</b>	<b>African American Arts and Artists</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									



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A&S	AAS	<b>AAS</b>	<b>3530</b>	<b>Survey of Black Independent Cinema</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AAS 1500 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>3530</b>	<b>Survey of Black Independent Cinema</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AAS 1500 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: One course in Tier II Fine Arts or Humanities 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.									
				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>3560</b>	<b>History of African American Music II, 1926-Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: One course in Tier II Fine Arts or Humanities 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									
				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>3570</b>	<b>Black Music Criticism: Hip-hop history, culture and politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									
				This class is guided by interactive discussion and analysis of films screened.									
A&S	AAS	<b>AAS</b>	<b>3640</b>	<b>Comparative Study of Injustice</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

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

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	<b>AAS</b>	<b>4693</b>	<b>Legal Policy and Disparities in the American Health Care System</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>4900</b>	<b>Special Topics in African American Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	3 to 9	9		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Primarily for students interested in concentrated study in specific area in cooperation with advisor.									
A&S	AAS	<b>AAS</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	3 to 9	9		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5900</b>	<b>Special Topics in African American Studies</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>5900</b>	<b>Special Topics in African American Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>6900</b>	<b>Special Topics in African American Studies</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>6900</b>	<b>Special Topics in African American Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	AAS	<b>AAS</b>	<b>6930</b>	<b>Independent Research</b>	IND	IS	3 to 9	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	AAS	T3	4691	<b>U.S. Constitutional Law: Post-Civil Rights Movements</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only									
				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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	<b>BIOS</b>	<b>1000</b>	<b>Animal Diversity</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	BIOS 1700 or concurrent							
		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>1110X</b>	<b>Peer-Led Team Learning for BIOS 1710</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	BIOS 1710 concurrent							
		COURSE DESC:		Small groups of students meet with peer mentors to work on problem sets, readings, and team-based learning projects in order to better master the material in BIOS 1710 and the scientific reasoning it requires.									
A&S	BIOS	<b>BIOS</b>	<b>1300</b>	<b>Principles of Human Anatomy and Physiology I</b>	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	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>	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	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>	LEC	LE	2	0		I	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	((C- or better in CHEM121 or 151 or 1210 or 1500 or 1510) and (MATH 1200 or 1321 or math placement 2)) or (ACT 25 or SAT 1155) or C or better in BIOS 1030 and WARNING: not (BIOL 1010 or 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 any of the following: BIOL 1010, PBI0 1100, PBI0 1140.									
A&S	BIOS	<b>BIOS</b>	<b>1705</b>	<b>Biological Sciences I Laboratory</b>	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 1700 or concurrent							
		COURSE DESC:		Laboratory course to accompany BIOS 1700.									
A&S	BIOS	<b>BIOS</b>	<b>1710</b>	<b>Biological Sciences II: Ecology, Evolution, Animal Body Systems</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in (BIOS 1700 or PBI0 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	<b>BIOS</b>	<b>1715</b>	<b>Biological Sciences II Laboratory</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1710 or concurrent									
				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>	LAB	LB	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: One course in BIOS and CHEM and not BIOS major									
				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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: One course in BIOS and CHEM and not BIOS major									
				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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1030 or 1710 and WARNING: No credit if taken after 3010									
				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>	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 2030 or concurrent and WARNING: No credit if taken after 3015									
				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>	LEC	LE	2	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1030 or 1710 or PSY 1010									
				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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: no credit if taken after BIOS 4730 or PSY 3230									
				Humans have always been interested in animal behavior. During our early history, much of that interest was based on practical need. Today studies of animal behavior help us understand our own behavior as well as our interactions with all other animals. Explore both how and why some animals migrate, live in groups, fight, have mating preferences, provide parental care, and communicate. Lectures will address some controversial issues in animal behavior, such as "Do animals have emotions?" Provides you with a new way of thinking about, observing, and interacting with the animals.									
A&S	BIOS	<b>BIOS</b>	<b>2200</b>	<b>Conservation and Biodiversity</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: no credit if taken after BIOS 4810									
				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>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: no credit if taken after BIOS 3210									
				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>2215</b>	<b>Microbes and Humans, Laboratory</b>	LAB	LB	1	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 2210 or concurrent									
				Characteristics and activities of microbes of special relevance to humans welfare, and those affecting maintenance of environmental and food quality. Special topics include human immune cells and food production by microorganisms.									

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A&S	BIOS	<b>BIOS</b>	<b>2250</b>	<b>Genetics in Human Society</b>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>2250</b>	<b>Genetics in Human Society</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: no credit if taken after BIOS 4360							
		COURSE DESC:		Introduces nonmajors to fundamental concepts of biology by using insects as examples. Students will gain an appreciation of how insects have shaped human culture and history for thousands of years and how the scientific understanding of insect behavior, physiology, evolution, and ecology is applied to solve real world problems. Contemporary issues, ranging from mosquito-born diseases, genetically modified crops and insecticide resistance, to killer bees, the silk industry and insects in forensic investigations will be used to focus discussions and improve scientific literacy.									
A&S	BIOS	<b>BIOS</b>	<b>2500</b>	<b>Evolution: the history of life on earth</b>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>2900</b>	<b>Special Topics in Biological Sciences</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>2970T</b>	<b>Zoology Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>2971T</b>	<b>Zoology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>2980T</b>	<b>Zoology Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>2981T</b>	<b>Zoology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>3010</b>	<b>Human Anatomy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3015</b>	<b>Human Anatomy Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>3030</b>	<b>Comparative Vertebrate Anatomy</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	BIOS	<b>BIOS</b>	<b>3030</b>	<b>Comparative Vertebrate Anatomy</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3300									
				Comparative study of the anatomy of vertebrates. Structure, function, and evolution of the vertebrate body forms and organ systems are compared. Extensive lab work covers each of the major classes of vertebrates and includes dissection.									
A&S	BIOS	<b>BIOS</b>	<b>3100</b>	<b>General Genetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 1710 and 1715) or PBIO 1150									
				Principles and concepts of genetics as revealed by classical and modern investigation.									
A&S	BIOS	<b>BIOS</b>	<b>3105</b>	<b>Laboratory Genetics</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3100									
				Experiments in basic bacterial, yeast, and Drosophila molecular genetics. Experiments include site-directed mutagenesis, yeast 2-hybrid analysis, and transposon mutagenesis in Drosophila. Recombinant DNA techniques designed to familiarize the student with current laboratory procedures in molecular genetics.									
A&S	BIOS	<b>BIOS</b>	<b>3160</b>	<b>Biogeography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (BIOS 1715 or GEOG 1100) and WARNING: not GEOG 3160									
				An examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. The course also explores the role of disturbance as a shaper of biological communities, and students will be introduced to field, laboratory and statistical means of analyzing ecological data. The role of human activities in altering biogeographic patterns is informed by our understanding how and why biological diversity varies over the surface of the earth.									
A&S	BIOS	<b>BIOS</b>	<b>3200</b>	<b>Fundamentals of Animal Cell Biology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 3100									
				Comprehensive introduction to the structure and function of animal cells, emphasizing fundamental principles and concepts of modern cell biology and the dynamic nature of cells and their components.									
A&S	BIOS	<b>BIOS</b>	<b>3205</b>	<b>Cell and Microbiology Techniques</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3200 or concurrent									
				Laboratory exercises designed to illustrate basic techniques in molecular and cell biology, including electrophoresis and immunohistology.									
A&S	BIOS	<b>BIOS</b>	<b>3220</b>	<b>General Microbiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3100 or (BIOS1700 and BIOS2250) or PBIO 3300									
				Overview of bacteria, archaea, fungi, and viruses, and their relationship to humans and the environment.									
A&S	BIOS	<b>BIOS</b>	<b>3225</b>	<b>General Microbiology Laboratory</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3220 or concurrent and WARNING: no credit if BIOS 3210									
				Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.									
A&S	BIOS	<b>BIOS</b>	<b>3300</b>	<b>Principles of Evolution</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 3100									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 1710									
				Overview of how animal nervous systems generate behavior. The first half introduces brain and neuronal physiology and anatomy, sensory and motor systems, sensory-motor integration, and motivational states. The second half uses exemplar neuroethological case studies to integrate this information.									
A&S	BIOS	<b>BIOS</b>	<b>3430</b>	<b>Principles of Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (C- or better in CHEM 1520 and BIOS 1710) and (C- or better in PHYS 2002 or concurrent)									
				Function of animal cells and organs, emphasizing the physical and chemical principles underlying physiological processes.									
A&S	BIOS	<b>BIOS</b>	<b>3435</b>	<b>Principles of Physiology Lab</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3430 or concurrent									
				Lab experiences designed to complement material covered in BIOS 3430/5430. Lab introduces students to physiology related skills and techniques used in research settings.									
A&S	BIOS	<b>BIOS</b>	<b>3450</b>	<b>Human Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in ((BIOS 2030 and 2035) or (3010 and 3015))									
				Covers basic cell physiology through most organ systems, particularly those of humans. Emphasis on physiological regulation and physiological responses to various stresses.									
A&S	BIOS	<b>BIOS</b>	<b>3455</b>	<b>Human Physiology Laboratory</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3450 or concurrent									
				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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3450 or concurrent									
				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.									



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A&S	BIOS	<b>BIOS</b>	<b>3640</b>	<b>Forensic Biology</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C- or better in (ANTH 4470 or BIOS 3100 or GEOL 4730 or PBIO 3300) and (Jr or Sr) 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>3750</b>	<b>Animal Ecology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		(C- or better in BIOS 1710 and 1715) or (PBIO 1150) and (MATH 2301 or 266A or 263A or concurrent) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C- or better in (BIOS 1710 and 1715) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C- or better in (BIOS 1710 and 1715) 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>3840</b>	<b>Bioethics: Bioethical Problems in Biology and Medicine</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		6 Hours in BIOS 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>3840</b>	<b>Bioethics: Bioethical Problems in Biology and Medicine</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		6 Hours in BIOS 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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>3860</b>	<b>Biology and the Future of Man</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	2	0		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Permission required 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>	FLD	FE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Gives students the opportunity to observe activities characteristic of clinical lab. Observations made in hospital setting so that, along with other background information provided, students may be better able to evaluate lab work as career choice.									
A&S	BIOS	<b>BIOS</b>	<b>3930</b>	<b>Topics in Biological Sciences for Nonmajors</b>	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		One course in (BIOS or PBIO) 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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		HTC Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>3980T</b>	<b>Zoology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		HTC Special course offered to students in Honors Tutorial program.									

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A&S	BIOS	<b>BIOS</b>	<b>4030</b>	<b>Teaching Vertebrate Anatomy</b>	LAB	LB	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		Students receive advanced training in vertebrate anatomy via lectures and dissections and give presentations while assisting in teaching vertebrate anatomy courses.									
A&S	BIOS	<b>BIOS</b>	<b>4030</b>	<b>Teaching Vertebrate Anatomy</b>	LEC	LE	2 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		Students receive advanced training in vertebrate anatomy via lectures and dissections and give presentations while assisting in teaching vertebrate anatomy courses.									
A&S	BIOS	<b>BIOS</b>	<b>4070</b>	<b>Developmental Biology</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4130</b>	<b>Human Neuroscience</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 2030 or 3010 or 3030) Basic structure and function of the human nervous system. Provides students, including those in premedicine and allied health fields, with a basic understanding of the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, emotion, sleep and arousal, and decision-making) and the consequences of neurological damage to these systems.									
A&S	BIOS	<b>BIOS</b>	<b>4135</b>	<b>Human Neuroscience Laboratory</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 4130 or concurrent Students will learn human brain anatomy and consequences of neurological damage by completing a human brain dissection, studying cross-sectional anatomy of normal and diseased brains (e.g., via magnetic resonance images), and analysis of clinical cases.									
A&S	BIOS	<b>BIOS</b>	<b>4140</b>	<b>Molecular and Cellular Neuroscience</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and C- or better in (BIOS 3420 or 3450) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 4130 or 4140) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 4140 and MATH 2302 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 4140 and MATH 2302 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>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and 17 hours in BIOS and Sr only 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and 17 hours in BIOS and Sr only 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>4230</b>	<b>Pathogenic Bacteriology</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 3210 or (3220 and 3225)) 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	Instr Mode	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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 3100 and 3200) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3100 and PSY 2110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (BIOS 3100 or P BIO 3300) (BIOS 3210 is recommended) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in BIOS 3100 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1715 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1710 and 1715) This course introduces students to the broad diversity of marine invertebrates and covers all major & many minor invertebrate phyla, as well as several important protozoan groups. This course provides an overview of each phylum describing characteristic morphology, physiology, and reproduction, and emphasizes major developments in the evolution of invertebrates. Emphasis is on taxa of significant ecological importance in marine habitats. Labs are designed to acquaint students with the different phyla using preserved and live specimens. Students are expected to recognize the particular characteristics of an organism that allow accurate taxonomic placement.									
A&S	BIOS	<b>BIOS</b>	<b>4300</b>	<b>Marine Invertebrate Biology Lecture and Lab</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 1710 and 1715) This course introduces students to the broad diversity of marine invertebrates and covers all major & many minor invertebrate phyla, as well as several important protozoan groups. This course provides an overview of each phylum describing characteristic morphology, physiology, and reproduction, and emphasizes major developments in the evolution of invertebrates. Emphasis is on taxa of significant ecological importance in marine habitats. Labs are designed to acquaint students with the different phyla using preserved and live specimens. Students are expected to recognize the particular characteristics of an organism that allow accurate taxonomic placement.									
A&S	BIOS	<b>BIOS</b>	<b>4310</b>	<b>Aquatic Biology</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1715 Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	<b>BIOS</b>	<b>4310</b>	<b>Aquatic Biology</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1715 Physical, chemical, and biological processes in lakes and running waters. Emphasis on the collection and analysis of environmental and ecological data describing populations and communities. Lab includes field sampling of local habitats.									
A&S	BIOS	<b>BIOS</b>	<b>4360</b>	<b>Field Entomology</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3300 or P BIO 3400 Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	<b>BIOS</b>	<b>4360</b>	<b>Field Entomology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3300 or P BIO 3400 Introduces students to insect taxonomy and field sampling methods. Emphasis on equipment and protocols for collecting/monitoring insects in their natural habitats, and laboratory procedures for identifying and preserving specimens. Students will become familiar with common insect families and the use of taxonomic keys to identify them. Grades based on field projects, laboratory practicals, and a final project (insect collection).									
A&S	BIOS	<b>BIOS</b>	<b>4410</b>	<b>Parasitology</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1715 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (BIOS 4450 or EXPH 4140) or concurrent and WARNING: No credit for both this course and EXPH 4140 and WARNING: No credit for this course if BIOS 4460 is taken						
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	<b>BIOS</b>	<b>4460</b>	<b>Physiology of Exercise Laboratory</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (BIOS 4450 or EXPH 4140) or concurrent and WARNING: No credit for both this course and EXPH 4140 and WARNING: No credit for this course if BIOS 4460 is taken						
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	<b>BIOS</b>	<b>4500</b>	<b>Principles of Endocrinology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	DIS	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CHEM 3010 or 3050						
		COURSE DESC:		Structure/function of proteins, nucleotides, lipids, and carbohydrates. Principles of enzyme kinetics, chemical/physical, and functional properties of biological membranes, and DNA synthesis, transcription and translation. Biochemistry of energy and nucleotide metabolism and mechanisms of metabolic regulation.									
A&S	BIOS	<b>BIOS</b>	<b>4635</b>	<b>Biological Chemistry Laboratory</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		PSY 2110 and 20 hours in BIOS and Sr only						
		COURSE DESC:		Ecological, physiological, and developmental aspects of animal behavior, interpreted from the perspective of evolutionary biology.									
A&S	BIOS	<b>BIOS</b>	<b>4740</b>	<b>Mammalogy</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>4900</b>	<b>Special Topics in Biological Sciences</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>4910</b>	<b>Biological Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:		Permission required and BIOS major						
		COURSE DESC:		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>	FLD	FE	1 to 9	27		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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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A&S	BIOS	<b>BIOS</b>	<b>4930</b>	<b>Topics in Biological Sciences</b>	IND	IS	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	BIOS 1715 and 2.5 GPA						
		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>	RSC	RS	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	14 Hours in BIOS and 3.0 GPA						
		COURSE DESC:		Individualized and directed research. Students select topics or are directed into possible research areas.									
A&S	BIOS	<b>BIOS</b>	<b>4940H</b>	<b>Honors Undergraduate Research</b>	RSC	RS	2 to 6	6		I	U30		0
		ELIGIBLE GRADES:		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>	RSC	RS	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	3 Hours BIOS 4940 and Sr only and WARNING: not 4940H						
		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>	RSC	RS	2 to 6	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Special course offered to students in Honors Tutorial program.									
A&S	BIOS	<b>BIOS</b>	<b>5010</b>	<b>Human Anatomy</b>	LAB	LB	4	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Mechanisms of animal development at tissue, cellular, and molecular levels of organization, with emphasis on experimental approaches. Integrates genetics, cell biology, and molecular biology.									
A&S	BIOS	<b>BIOS</b>	<b>5130</b>	<b>Human Neuroscience</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Basic structure and function of the human nervous system. Provides students, including those in premedicine and allied health fields, with a basic understanding of the brain systems underlying human behavior (e.g., sensation and perception, movement, memory, emotion, sleep and arousal, and decision-making) and the consequences of neurological damage to these systems.									
A&S	BIOS	<b>BIOS</b>	<b>5135</b>	<b>Human Neuroscience Laboratory</b>	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 5130 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.									

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COURSE LISTING  
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A&S	BIOS	<b>BIOS</b>	<b>5140</b>	<b>Molecular and Cellular Neuroscience</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				BIOS 5140 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5210</b>	<b>General Microbiology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5230</b>	<b>Pathogenic Bacteriology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Biological processes in marine and estuarine habitats, and adaptations for life at sea; emphasis on environmental variables affecting distribution, abundance, and dynamics of marine plants and animals. Includes optional four day field trip to marine environment.									

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A&S	BIOS	<b>BIOS</b>	<b>5310</b>	<b>Aquatic Biology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		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>5360</b>	<b>Field Entomology</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 2150 and WARNING: No credit for this course if taken after BIOS 5460 Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	<b>BIOS</b>	<b>5460</b>	<b>Physiology of Exercise Laboratory</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 5450 or concurrent and WARNING: No credit for both this course and EXPH 2150 and WARNING: No credit for this course if taken after BIOS 5460 Laboratory experience to complement materials covered in Physiology of Exercise Lecture and survey of skills and techniques used in exercise physiology settings.									
A&S	BIOS	<b>BIOS</b>	<b>5500</b>	<b>Principles of Endocrinology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	DIS	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									



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A&S	BIOS	<b>BIOS</b>	<b>5570</b>	<b>Animal Systematics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Principles and methods of systematic zoology. Numerical methods and hypothetico-deductive reasoning applied to study of organismic diversity (taxonomy) and geographic distribution (biogeography). Use of computer stressed.									
A&S	BIOS	<b>BIOS</b>	<b>5620</b>	<b>Animal Ecological Physiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines how organismal physiology is affected by the physical environment. Comparative approaches explore the behavioral, physiological, and biochemical responses to environmental factors. Current topics and methods are addressed in selected readings and discussion.									
A&S	BIOS	<b>BIOS</b>	<b>5630</b>	<b>Biological Chemistry</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Structure/function of proteins, nucleotides, lipids, and carbohydrates. Principles of enzyme kinetics, chemical/physical, and functional properties of biological membranes, and DNA synthesis, transcription and translation. Biochemistry of energy and nucleotide metabolism and mechanisms of metabolic regulation.									
A&S	BIOS	<b>BIOS</b>	<b>5650</b>	<b>Ichthyology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	<b>BIOS</b>	<b>5650</b>	<b>Ichthyology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.									
A&S	BIOS	<b>BIOS</b>	<b>5710</b>	<b>Ornithology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	<b>BIOS</b>	<b>5710</b>	<b>Ornithology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.									
A&S	BIOS	<b>BIOS</b>	<b>5720</b>	<b>Herpetology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 3300						
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of ohio and families of the US.									
A&S	BIOS	<b>BIOS</b>	<b>5720</b>	<b>Herpetology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 3300						
		COURSE DESC:		Biology of amphibians and reptiles. Lectures emphasize anatomy, physiology, ecology, behavior, taxonomy, and geography. Labs and field trips emphasize species of ohio and families of the US.									
A&S	BIOS	<b>BIOS</b>	<b>5730</b>	<b>Animal Behavior</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Major theories and concepts in population and evolutionary ecology. Emphasis on mathematical models pertaining to growth and regulation of populations, population interactions, including predation and competition, distribution and abundance, and life history theory.									
A&S	BIOS	<b>BIOS</b>	<b>5780</b>	<b>Community Ecology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provide a theoretical and empirical examination of the description, structure, and organization of communities. Emphasis is placed on mathematical models that describe the biotic processes that mold community structure. Further consideration of null models in ecology and historical effects are included.									
A&S	BIOS	<b>BIOS</b>	<b>5790</b>	<b>Advanced Evolution</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Current concepts of evolutionary processes: sources of variation, agents of change, natural selection and adaptation, speciation and macroevolution.									

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A&S	BIOS	<b>BIOS</b>	<b>5810</b>	<b>Animal Conservation Biology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									
A&S	BIOS	<b>BIOS</b>	<b>5860</b>	<b>Immunology</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamental principles and concepts of immunity and the immune response.									
A&S	BIOS	<b>BIOS</b>	<b>5865</b>	<b>Immunology Lab</b>	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>5900</b>	<b>Special Topics in Biological Sciences</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>6580</b>	<b>Clinical Gross Anatomy I</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	<b>BIOS</b>	<b>6610</b>	<b>Microanatomy I: Architecture of Cells and Tissues</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES: COURSE DESC:		A-F REQUISITE: 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>6610</b>	<b>Microanatomy I: Architecture of Cells and Tissues</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES: COURSE DESC:		A-F REQUISITE: 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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES: COURSE DESC:		A-F REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES: COURSE DESC:		A-F REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES: COURSE DESC:		A-F REQUISITE: Application of univariate statistics to biology. Descriptive statistics, distributions, hypothesis testing, analysis of variance, linear regression, correlation, and analysis of frequencies.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	<b>BIOS</b>	<b>6820</b>	<b>Advanced Topics</b>	SEM	SE	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>6900</b>	<b>Special Topics in Biological Sciences</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	RSC	RS	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Unspecified research, not directly applicable to thesis.									
A&S	BIOS	<b>BIOS</b>	<b>6950</b>	<b>Master's Thesis</b>	THE	TH	1 to 15	40		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Research directly applicable to thesis.									
A&S	BIOS	<b>BIOS</b>	<b>7000</b>	<b>Ecology Colloquium</b>	SEM	SE	1 to 2	8		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EEB graduate student Student and faculty presentations of ecologically and evolutionarily focused research.									
A&S	BIOS	<b>BIOS</b>	<b>7120</b>	<b>Seminar in Neuroscience</b>	SEM	SE	1	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>8900</b>	<b>Special Topics in Biological Sciences</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>BIOS</b>	<b>8950</b>	<b>Doctoral Dissertation</b>	THE	TH	1 to 15	75		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Research directed toward doctoral degree.									
A&S	BIOS	<b>MCB</b>	<b>6700</b>	<b>Current Topics in Molecular and Cellular Neurobiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (BIOS 5140 or MCB 7200) and CHEM 5901 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	BIOS	<b>MCB</b>	<b>6900</b>	<b>Special Topics in Molecular and Cellular Biology</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>MCB</b>	<b>6900</b>	<b>Special Topics in Molecular and Cellular Biology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>MCB</b>	<b>7100</b>	<b>Advances in Signal Transduction</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5901 and 5902 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	BIOS	<b>MCB</b>	<b>7200</b>	<b>Molecular Biology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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	BIOS	<b>MCB</b>	<b>7300</b>	<b>Molecular and Cellular Biology Laboratory</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MCB 7200 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	BIOS	<b>MCB</b>	<b>7410</b>	<b>Seminar in Molecular and Cellular Biology</b>	SEM	SE	1	999		N	G50		0
		ELIGIBLE GRADES:		A-F, 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	BIOS	<b>MCB</b>	<b>7500</b>	<b>Disorders of the Nervous System</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 5140 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	BIOS	<b>MCB</b>	<b>7510</b>	<b>Topics in Molecular and Cellular Biology</b>	LEC	LE	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Designed for the presentation of significant current topics in molecular and cellular biology in response to specific student demand.									
A&S	BIOS	<b>MCB</b>	<b>7600</b>	<b>Advanced Cell Biology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5901 and MCB 7200 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.									
A&S	BIOS	<b>NEUR</b>	<b>2900</b>	<b>Special Topics in Neuroscience</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>NEUR</b>	<b>2900</b>	<b>Special Topics in Neuroscience</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	BIOS	<b>NEUR</b>	<b>2970T</b>	<b>Neuroscience Tutorial</b>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>NEUR</b>	<b>4900</b>	<b>Special Topics in Neuroscience</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	BIOS	<b>NEUR</b>	<b>4970T</b>	<b>Neuroscience Tutorial Senior Thesis</b>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Senior thesis for HTC students in the neuroscience program.									

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A&S	CE	<b>CE</b>	<b>4510</b>	<b>In-Situ Remediation</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 3420 and CHEM 1510						
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
A&S	CE	<b>CE</b>	<b>4510</b>	<b>In-Situ Remediation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 3420 and CHEM 1510						
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
A&S	CE	<b>CE</b>	<b>5510</b>	<b>In-Situ Remediation</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									
A&S	CE	<b>CE</b>	<b>5510</b>	<b>In-Situ Remediation</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will learn about the regulatory aspects of site remediation work, chemical & physical behavior of common groundwater and soil pollutants, different (chemical, biological, physical) mechanisms for remediation, and a survey of the proper use of various remediation techniques. Students will perform preliminary designs using several remediation methods.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	<b>CHEM</b>	<b>D015</b>	<b>Preparation for College Chemistry</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		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>	SEM	SE	2	0		N	U10		0
		ELIGIBLE GRADES:		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>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	CHEM 1500 concurrent						
		COURSE DESC:		Content-appropriate discussion and problem solving conducted by a peer mentor in a small group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	<b>CHEM</b>	<b>1151</b>	<b>Peer-Led Team Learning for CHEM 1510</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	CHEM 1510 concurrent						
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	<b>CHEM</b>	<b>1152</b>	<b>Peer-Led Team Learning for Chem 1520</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	CHEM 1520 concurrent						
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	<b>CHEM</b>	<b>1210</b>	<b>Principles of Chemistry I</b>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and 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>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and 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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>1220</b>	<b>Principles of Chemistry II</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(MATH 1200 or math placement level 2 or higher) and (C- or better in CHEM 1500 or score 34 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.									



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A&S	CHEM	<b>CHEM</b>	<b>1510</b>	<b>Fundamentals of Chemistry I</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:				(MATH 1200 or math placement level 2 or higher) and (C- or better in CHEM 1500 or score 34 or better on chemistry placement exam) and				
		COURSE DESC:		WARNING: not CHEM 1520 or 1210 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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>2410</b>	<b>Analytical Chemistry I: Quantitative Analysis and Electrochemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:				CHEM 2410L or concurrent and C- or better in 1520				
		COURSE DESC:		Introduction to quantitative techniques that include volumetric and gravimetric methods of analysis and data processing, and analysis and modeling using mathematical tools. Topics will also cover modern electrochemical techniques and instrumentation with emphasis on their applications in analytical chemistry. Topics include potentiometry, specific ion electrodes, DC and AC polarography, pulse polarography, coulometry, chronocoulometry, cyclic voltammetry, and rapid scan voltammetry.									
A&S	CHEM	<b>CHEM</b>	<b>2410L</b>	<b>Analytical Chemistry I Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>2900</b>	<b>Special Topics in Chemistry</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>2970T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:				HTC				
		COURSE DESC:		Tutorial study for first year students.									
A&S	CHEM	<b>CHEM</b>	<b>2971T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:				HTC				
		COURSE DESC:		Tutorial study for second year students.									
A&S	CHEM	<b>CHEM</b>	<b>2980T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:				HTC				
		COURSE DESC:		Tutorial study for first year students.									
A&S	CHEM	<b>CHEM</b>	<b>2981T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:				HTC				
		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>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:				CHEM 3050 concurrent				
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									
A&S	CHEM	<b>CHEM</b>	<b>3006</b>	<b>Peer-Led Team Learning for Chem 3060</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:				CHEM 3060 concurrent				
		COURSE DESC:		Content-appropriate discussion and problem-solving conducted by a peer mentor in a small-group setting. Credit applies as hours toward graduation but meets no other college requirement.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	<b>CHEM</b>	<b>3010</b>	<b>Organic Chemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM 3080 and (3060 or concurrent)							
		COURSE DESC:		Continuation of 3080. Emphasis on microscale synthesis, purification, and characterization of organic compounds. Designed for B.S. chemistry majors.									
A&S	CHEM	<b>CHEM</b>	<b>3510</b>	<b>Physical Chemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ((CHEM 153 or 1520) and (MATH 163B or 263B or 2302)) and (PHYS 2002 or 2052)							
		COURSE DESC:		For premedicine, B.S.Ed., B.S.I.H., and A.B. Chemistry majors. Topics include thermodynamics, thermochemistry, equilibrium, solutions, and kinetics.									
A&S	CHEM	<b>CHEM</b>	<b>3760</b>	<b>Fundamentals of Inorganic Chemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3970T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for third year students.									
A&S	CHEM	<b>CHEM</b>	<b>3980T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for third year students.									
A&S	CHEM	<b>CHEM</b>	<b>4200</b>	<b>Chemical Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	24 hours in CHEM							
		COURSE DESC:		Instruction in use of chemical literature and application to scientific writing.									
A&S	CHEM	<b>CHEM</b>	<b>4310</b>	<b>Analytical Chemistry II: Chromatography and Spectroscopy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM 2410L and CHEM 4310 or concurrent							
		COURSE DESC:		Laboratory work to accompany 4310.									

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A&S	CHEM	<b>CHEM</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM 3090 and 4600							
		COURSE DESC:		Advanced organic lab techniques and instrumentation.									
A&S	CHEM	<b>CHEM</b>	<b>4760</b>	<b>Modern Inorganic Chemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM 4760 or concurrent							
		COURSE DESC:		Advanced inorganic laboratory synthesis and techniques. Individual projects.									
A&S	CHEM	<b>CHEM</b>	<b>4800</b>	<b>Advanced Organic Chemistry</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required and CHEM 3060							
		COURSE DESC:		Structural theory, stereochemistry, reactive intermediates, and reaction mechanisms.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CHEM	<b>CHEM</b>	<b>4805</b>	<b>Advanced Organic Synthesis: Reactions and Mechanisms</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C+ or better in CHEM 3060 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>4840</b>	<b>Forensic Chemistry I: Arson, Explosives and DNA</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in CHEM 4310 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (C- or better in CHEM 4310) and (4840 concurrent) Laboratory to accompany CHEM 4840.									
A&S	CHEM	<b>CHEM</b>	<b>4850</b>	<b>Introduction to Toxicology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (CHEM 4890 or 4901) 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>4850</b>	<b>Introduction to Toxicology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (CHEM 4890 or 4901) 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (CHEM 4310 and 4840) and Sr 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>	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 4870 or concurrent and C- or better in (CHEM 4310 and 4840L) and Sr Laboratory work to accompany 4870.									
A&S	CHEM	<b>CHEM</b>	<b>4890</b>	<b>Basic Biochemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 3010 or 3060 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>4900</b>	<b>Special Topics in Chemistry</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>4901</b>	<b>Biochemistry I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 3060 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CHEM 4902 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 4901 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 4901 and biochem major Laboratory course using modern biochemical and molecular biology techniques, including electrophoresis, protein cloning, chromatography, and enzyme kinetics.									

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A&S	CHEM	<b>CHEM</b>	<b>4910</b>	<b>Forensic Chemistry Internship</b>	FLD	FE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required and forensic chemistry major supervised work in approved forensic science lab to gain practical experience. Oral and written reports required.							
A&S	CHEM	<b>CHEM</b>	<b>4940</b>	<b>Undergraduate Research</b>	RSC	RS	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	(Jr or Sr) and 2.75 GPA							
		COURSE DESC:		Independent work for qualified upperclass majors in chemistry and related areas. Student may enroll one or more quarters.									
A&S	CHEM	<b>CHEM</b>	<b>4940H</b>	<b>Honors Thesis in Chemistry</b>	RSC	RS	1 to 5	15		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required and in department honors							
		COURSE DESC:		Independent work for meritorious chemistry majors pursuing departmental honors.									
A&S	CHEM	<b>CHEM</b>	<b>4941</b>	<b>Undergraduate Research</b>	RSC	RS	3	0	3	I	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for fourth year students.									
A&S	CHEM	<b>CHEM</b>	<b>4980T</b>	<b>Chemistry Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial study for fourth year students.									
A&S	CHEM	<b>CHEM</b>	<b>5100</b>	<b>Chemistry Teaching Assistant Training</b>	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM or BIOCHEM graduate student							
		COURSE DESC:		Teaching assistant training for new graduate students.									
A&S	CHEM	<b>CHEM</b>	<b>5100</b>	<b>Chemistry Teaching Assistant Training</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		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>Chemical Literature</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Instruction in use of chemical literature and application to scientific writing.									
A&S	CHEM	<b>CHEM</b>	<b>5310</b>	<b>Analytical Chemistry II: Chromatography and Spectroscopy</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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.									
A&S	CHEM	<b>CHEM</b>	<b>5310L</b>	<b>Analytical Chemistry II Lab</b>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Laboratory work to accompany 4310.									
A&S	CHEM	<b>CHEM</b>	<b>5510</b>	<b>Physical Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		For premedicine, B.S.Ed., B.S.I.H., and A.B. Chemistry majors. Topics include thermodynamics, thermochemistry, equilibrium, solutions, and kinetics.									
A&S	CHEM	<b>CHEM</b>	<b>5530</b>	<b>Physical Chemistry I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHEM 5530 or 553							
		COURSE DESC:		Continuation of 4530. Kinetics, Quantum theory with applications to simple systems which model the electronic structure of atoms and molecules.									
A&S	CHEM	<b>CHEM</b>	<b>5600</b>	<b>Spectroscopic Methods in Organic Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Modern spectroscopic methods as employed in organic chemical research: NMR, IR, mass spectrometry, and UV.									
A&S	CHEM	<b>CHEM</b>	<b>5760</b>	<b>Modern Inorganic Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Considers relationship between physical and chemical properties of inorganic substances and nature of bonding and structures involved.									

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A&S	CHEM	<b>CHEM</b>	<b>5800</b>	<b>Advanced Organic Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will provide an overview of modern organic synthesis. This course is designed for the advanced undergraduate or beginning graduate student who desires a deeper understanding of organic synthesis as initially presented in the typical undergraduate organic course.									
A&S	CHEM	<b>CHEM</b>	<b>5840</b>	<b>Forensic Chemistry I: Arson, Explosives and DNA</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5840L</b>	<b>Forensic Chemistry I lab: Arson, Explosives and DNA</b>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Laboratory to accompany CHEM 4840.									
A&S	CHEM	<b>CHEM</b>	<b>5850</b>	<b>Introduction to Toxicology</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5850</b>	<b>Introduction to Toxicology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5860</b>	<b>Advanced Analytical Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5870L</b>	<b>Forensic Chemistry II Lab</b>	LAB	LB	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Laboratory work to accompany 4870.									
A&S	CHEM	<b>CHEM</b>	<b>5890</b>	<b>Basic Biochemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>5900</b>	<b>Special Topics in Chemistry</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>5901</b>	<b>Biochemistry I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.									

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A&S	CHEM	<b>CHEM</b>	<b>5902</b>	<b>Biochemistry II</b> ELIGIBLE GRADES: A-F COURSE DESC: Macromolecular structure of biomolecules. Bioenergetics, metabolism, and metabolic control systems. Physical chemistry recommended. Complex integrated biochemical systems.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>6900</b>	<b>Special Topics in Chemistry</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>6900</b>	<b>Special Topics in Chemistry</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>6950</b>	<b>Research and Thesis</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Research and thesis as recommended by department.	THE	TH	1 to 12	48		N	G40		0
A&S	CHEM	<b>CHEM</b>	<b>7010</b>	<b>Advanced Organic Chemistry I</b> ELIGIBLE GRADES: A-F COURSE DESC: Organic methodology and syntheses.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7020</b>	<b>Advanced Organic Chemistry II</b> ELIGIBLE GRADES: A-F COURSE DESC: A continuation of Chem 7010 with an emphasis on the synthesis of natural products.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7030</b>	<b>Physical Organic Chemistry</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of modern concepts to structure and reactivity in organic reactions of various mechanistic classes.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7040</b>	<b>Modern Heterocyclic Chemistry</b> ELIGIBLE GRADES: A-F COURSE DESC: Theoretical and synthetic aspects of heterocyclic chemistry.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7050</b>	<b>Organometallic Chemistry</b> ELIGIBLE GRADES: A-F COURSE DESC: Structure and reactivity of organometallic compounds.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7060</b>	<b>Natural Products Chemistry</b> ELIGIBLE GRADES: A-F COURSE DESC: Terpenes, steroids, alkaloids, and other natural products.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7110</b>	<b>Protein Chemistry</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7150</b>	<b>Advanced Special Topics in Biochemistry</b> ELIGIBLE GRADES: A-F COURSE DESC: Seminar contents varies.	LEC	LE	4	16		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7160</b>	<b>Enzymology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7260</b>	<b>Electroanalytical Chemistry</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Fundamentals and applications of potentiometry, conductometry, coulometry, voltammetry, amperometry, cyclic voltammetry, chronocoulometry, and spectroelectrochemistry.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7270</b>	<b>Spectrochemical Analysis</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0
A&S	CHEM	<b>CHEM</b>	<b>7280</b>	<b>Theory and Principles of Analytical Separation</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Topics include liquid-liquid extractions, partition chromatography, ion exchange, gas chromatography, high pressure liquid chromatography, exclusion chromatography, and electrophoresis.	LEC	LE	4	0		N	G50		0

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A&S	CHEM	<b>CHEM</b>	<b>7290</b>	<b>Introduction to Chemometrics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5860									
				Topics include multivariate calibration, experimental design and optimization, pattern recognition, signal processing, and multivariate curve resolution.									
A&S	CHEM	<b>CHEM</b>	<b>7300</b>	<b>Special Topics in Analytical Chemistry</b>	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: CHEM 5860									
				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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Develops foundations for application of elementary group theory to organize or simplify problems in quantum chemistry. Applications include molecular orbitals, molecular vibrations, and ligand field environments.									
A&S	CHEM	<b>CHEM</b>	<b>7570</b>	<b>Chemical Kinetics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				Experimental methods of obtaining reaction rates, interpretation of rate data, and relationships between mechanism of reactions and rate equations of reactions.									
A&S	CHEM	<b>CHEM</b>	<b>7580</b>	<b>Solid State Chemistry</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CHEM 5510									
				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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Descriptive chemistry of main group elements.									
A&S	CHEM	<b>CHEM</b>	<b>7770</b>	<b>Chemistry of Transition Elements</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 7750									
				Descriptive chemistry of transition elements and their coordination compounds.									
A&S	CHEM	<b>CHEM</b>	<b>7780</b>	<b>Chemistry of Heavy Elements</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 7750									
				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>	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5760									
				Lectures in this seminar varies.									
A&S	CHEM	<b>CHEM</b>	<b>7901</b>	<b>Special Topics in Organic Chemistry</b>	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5800									
				Selected topics of current interest.									
A&S	CHEM	<b>CHEM</b>	<b>7950</b>	<b>Special Topics in Physical Chemistry</b>	LEC	LE	4	16		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 5510									
				Lectures in this seminar varies.									
A&S	CHEM	<b>CHEM</b>	<b>8900</b>	<b>Special Topics in Chemistry</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>8900</b>	<b>Special Topics in Chemistry</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	CHEM	<b>CHEM</b>	<b>8950</b>	<b>Doctoral Research and Dissertation</b>	THE	TH	1 to 12	120		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate Status									
				Research and dissertation as recommended by department.									
A&S	CHEM	<b>CHEM</b>	<b>8960</b>	<b>Inorganic Chemistry Seminar</b>	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate Status									
				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>	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE: Graduate Status									
		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>	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE: Graduate Status									
		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>	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE: Graduate Status									
		COURSE DESC:		Required of analytical chemistry majors. Selected topics from current literature presented by participating students and staff.									

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

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A&S	CLWR	<b>CLAR</b>	<b>3630</b>	<b>Aegean Bronze Age Archaeology</b> A-F ELIGIBLE GRADES: A-F COURSE DESC: The Aegean civilizations of Mycenaean Greece and Minoan Crete were discovered only since 1870, and were the first to be analyzed and interpreted solely from archaeological remains. Explores the material evidence to trace the development of these complex Bronze Age cultures in the Aegean, while studying the early excavators starting with Schliemann and Evans. Reviews different types of material remains, and the different, often conflicting strategies used to collect and interpret them. Focuses on the development of Aegean civilizations from the appearance of the first agricultural communities in the Neolithic period (6000 B.C.) to the widespread destruction and subsequent economic decline at the end of the Bronze Age (1100 B.C.).	LEC	LE	3	0		N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>3640</b>	<b>Craft and Technology in the Roman World</b> A-F ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>3650</b>	<b>Technology in Greek and Roman Society</b> A-F ELIGIBLE GRADES: A-F COURSE DESC: Examines technological developments in Graeco-Roman world within a chronological framework so that the advances in technology can be related directly to broader changes in the Mediterranean world from the 7th century BC to the 4th century AD. Examines a variety of different types of technology including coinage, building construction, water management, agricultural/food production, terracotta, glass, metallurgy, shipbuilding, and warfare. Students look at ways in which the societal needs framed technological developmental at different times and places, as well as ways that new technologies affected the societies in which they occurred. A major goal is to examine the role of technology in the Mediterranean basin as the organization of society moved from the Greek city-state to Hellenistic kingdoms to the Roman Empire.	LEC	LE	3	0	2SS	N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>3660</b>	<b>Archaeology and Art: Contexts and Controversies</b> A-F ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>3910</b>	<b>Ancient Rome: Development of the City from the 8th Century B.C. to the 4th Century A.D.</b> A-F ELIGIBLE GRADES: A-F COURSE DESC: Introduces the urban development of ancient Rome through an intensive on-site examination of its monuments and artifacts. Focuses on field work. While Rome is the focus of the course, several days are also spent at Ostia and Pompeii to highlight aspects of Roman life not readily observable in modern Rome.	FLD	FE	3	0		N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>4900</b>	<b>Special Topics in Classical Archaeology</b> A-F, CR ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>4900</b>	<b>Special Topics in Classical Archaeology</b> A-F, CR ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	CLWR	<b>CLAR</b>	<b>4930</b>	<b>Independent Study in Classical Archaeology</b> A-F, PR ELIGIBLE GRADES: A-F, PR COURSE DESC: Independent research in topics of classical archaeology.	IND	IS	1 to 3	6		N	U30		0
A&S	CLWR	<b>CLAS</b>	<b>2110</b>	<b>Greek and Latin Roots in Biomedical Terminology</b> A-F ELIGIBLE GRADES: A-F COURSE DESC: Develops the linguistic skills that improves one's ability to acquire, retain, and comprehend the biomedical terms that derive from Greek and Latin roots. Overview of ancient medicine helps to set the origins of many of these terms in their social and intellectual context. Provides an introduction to basic research tools in biomedical sciences.	LEC	EL	3	0		N	U30		0
A&S	CLWR	<b>CLAS</b>	<b>2110</b>	<b>Greek and Latin Roots in Biomedical Terminology</b> A-F ELIGIBLE GRADES: A-F COURSE DESC: Develops the linguistic skills that improves one's ability to acquire, retain, and comprehend the biomedical terms that derive from Greek and Latin roots. Overview of ancient medicine helps to set the origins of many of these terms in their social and intellectual context. Provides an introduction to basic research tools in biomedical sciences.	LEC	LE	3	0		N	U30		0

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A&S	CLWR	<b>CLAS</b>	<b>2300</b>	<b>Classical Literature in Translation</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to significant works of of Greco-Roman literature in English translation. No prior knowledge of classical culture or classical languages required.									
A&S	CLWR	<b>CLAS</b>	<b>2310</b>	<b>Human Aspirations Among the Greeks and Romans</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Identifies three of the great dreams or aspirations of the ancient Greeks and Romans--aspirations that lived on in written form and played an important role in shaping the ideals and aspirations of later Western civilization: 1) the political aspiration to create a just society; 2) the philosophical aspiration to "know oneself" and to be a person of virtue whatever the condition of one's society; and 3) the Christian aspiration to live a life of loving service that derives from the Christian understanding of the nature of God. Reading quite a bit of primary source literature in English translation expected. Primary means of presentation will be lecture with short periods of discussion interspersed.									
A&S	CLWR	<b>CLAS</b>	<b>2310</b>	<b>Human Aspirations Among the Greeks and Romans</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Identifies three of the great dreams or aspirations of the ancient Greeks and Romans--aspirations that lived on in written form and played an important role in shaping the ideals and aspirations of later Western civilization: 1) the political aspiration to create a just society; 2) the philosophical aspiration to "know oneself" and to be a person of virtue whatever the condition of one's society; and 3) the Christian aspiration to live a life of loving service that derives from the Christian understanding of the nature of God. Reading quite a bit of primary source literature in English translation expected. Primary means of presentation will be lecture with short periods of discussion interspersed.									
A&S	CLWR	<b>CLAS</b>	<b>2340</b>	<b>Classical Mythology</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to classical mythology; readings and discussions of myths and their interpretations.									
A&S	CLWR	<b>CLAS</b>	<b>2340</b>	<b>Classical Mythology</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to classical mythology; readings and discussions of myths and their interpretations.									
A&S	CLWR	<b>CLAS</b>	<b>2510</b>	<b>Ancient Jerusalem: From Solomon to Suleiman</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Attempts to approach the city of Jerusalem and the complex interaction of political, social, and above all religious realities that continue to define the city. Focuses on Jerusalem as a mythic as well as a historical entity; attempt to disentangle some of the threads that make Jerusalem the rich tapestry of meaning it has become. It does this by a careful reading of textual material from Jewish, Christian, and Islamic sources, as well as of archaeological and art-historical data. Focuses especially on the Temple Mount as a site of religious practice, transformation, myth, and conflict because of the long shadow it casts over the traditional landscape of Jerusalem.									
A&S	CLWR	<b>CLAS</b>	<b>2520</b>	<b>Classical Athens</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Focuses on the people of the Greek city of Athens during an extraordinarily creative period of history--the century and a half from 480 B.C to 323 B.C.--when the Athenians undertook the world's first democratic experiment. Examines textual sources (literature, philosophy, history, speeches and public documents) and archaeological sources (architecture, sculpture, painting) for the light which they shed on the ancient Athenians' political, intellectual, and artistic problems, concerns, and achievements. Explores how the Athenians dealt with those fundamental questions about life that face all thinking humans in a democracy.									
A&S	CLWR	<b>CLAS</b>	<b>2530</b>	<b>Alexander the Great and the Hellenistic World</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLAS</b>	<b>2540</b>	<b>Rome Under the Caesars</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Looks at life and thought in ancient Rome from Augustus through Marcus Aurelius (27 B.C.- A.D.180) based on archaeological, historical, and literary sources. Examines across cultural boundaries the issue of what it means to be human. Focuses primarily on the inhabitants of Rome, how they lived and what they thought about fundamental issues such as: How should the demands of the common good be balanced with individual needs and desires? What is the role of religion in society? of education? of art? How does one deal with death? What ultimately make life worth living for an individual in Roman society? Issues then compared with our own attitudes in modern America. Studies the use of political propaganda in society, the rituals of daily life in ancient Rome, and the art and architecture that made up the environment in which these people lived.									
A&S	CLWR	<b>CLAS</b>	<b>2550</b>	<b>Pagan to Christian in Late Antiquity</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Interdisciplinary approach to the dramatic changes that occur in ways of looking at the individual and one's place in the world during the 4th through 6th centuries of our era as paganism is replaced by Christianity as the dominant religious view. Geographical foci are Rome and Constantinople. Sources are textual, artistic, and archaeological.									
A&S	CLWR	<b>CLAS</b>	<b>2900</b>	<b>Special Topics in Classics in English</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	CLWR	<b>CLAS</b>	<b>2900</b>	<b>Special Topics in Classics in English</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	CLWR	<b>CLAS</b>	<b>2970T</b>	<b>Classics HTC Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>2971T</b>	<b>Classics HTC Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLAS 2980T and HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>2980T</b>	<b>Classics HTC Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>2981T</b>	<b>Classics HTC Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLAS 2971T and HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>3010</b>	<b>Love in Antiquity</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLAS</b>	<b>3010</b>	<b>Love in Antiquity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLAS</b>	<b>3110</b>	<b>Gods and Heroes in Ancient Epic</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				The tradition of ancient epic poetry is dominated by three great works: the Homeric Iliad and Odyssey and the Aeneid of Vergil; the course focus. A number of other Greek and Roman epics also figure in the course. The works are read from a variety of angles, including myth, religion, history, poetic art and cultural discourse. Such broader concerns as cruelty and forgiveness, violence and humor, choice and consequence, home, family, friendship and personal devotion constitute the humanistic themes of the course.									
A&S	CLWR	<b>CLAS</b>	<b>3120</b>	<b>Greek Tragedy and Comedy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Survey of Greek tragedy and comedy in English translation: extensive reading from Aeschylus, Sophocles, Euripides and Aristophanes. Study of the historical and cultural setting and the literary aspect of the plays.									
A&S	CLWR	<b>CLAS</b>	<b>3120</b>	<b>Greek Tragedy and Comedy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Survey of Greek tragedy and comedy in English translation: extensive reading from Aeschylus, Sophocles, Euripides and Aristophanes. Study of the historical and cultural setting and the literary aspect of the plays.									
A&S	CLWR	<b>CLAS</b>	<b>3130</b>	<b>Wisdom in Antiquity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	CLWR	<b>CLAS</b>	<b>3140</b>	<b>Indian Epic: Mahabharata and Ramayana</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Students engage India's two great Sanskrit epics, the Mahabharata and the Ramayana. They analyze the epics on two levels: first, as historically situated and ideologically interested texts that reflect the social and political upheavals that occurred in South Asia between 500 BCE and 500 CE, and, second, as part of a living oral and scriptural tradition whose influence extends to contemporary Indian religion, ethics, and national consciousness.									
A&S	CLWR	<b>CLAS</b>	<b>3430</b>	<b>Women in the Ancient Mediterranean</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 or Soph or Jr or Sr									
				Explores the main sources of information about women in the related Mediterranean cultures of Greece, Rome the Near East and Egypt from 2000 B.C.E. to the 4th century C.E. These cultures are all patriarchal societies with an agricultural base for the economy, where women were seen as inferior to men, and their roles were tied to reproduction and care of the household. Textual evidence consideration includes economic and legal texts, epic, love poetry, drama, religious texts and funerary inscriptions, while the archaeological evidence includes sculpture and paintings. Focuses upon the culturally defined gender biases in the sources, and on feminist methodologies devised to clarify and interpret these biases.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLAS</b>	<b>3540</b>	<b>Greek and Roman Religions and Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Examines how ancient Greek and Roman religion developed over time and how it related to other aspects of ancient society. Interdisciplinary in its approach; students will learn about this topic through primary source readings and discussion.									
A&S	CLWR	<b>CLAS</b>	<b>3720</b>	<b>On-Site Survey of Greek History</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLAS</b>	<b>3720</b>	<b>On-Site Survey of Greek History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLAS</b>	<b>3800</b>	<b>Colloquium in Classics and World Religions</b>	LEC	LE	1	2		N	U30		50
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Classics or world religion major or minor									
				Colloquium with times arranged at convenience of participants. Features: 1) presentations by faculty members on the different disciplines included in the study of Classics and World Religions, 2) presentations by faculty on aspects of their own research, 3) presentations by seniors of their research, and 4) meetings with visiting scholars.									
A&S	CLWR	<b>CLAS</b>	<b>3970T</b>	<b>Classics Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLAS 2981T and HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>3980T</b>	<b>Classics Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLAS 2970T and HTC									
				Individualized tutorial for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>4520</b>	<b>Roman Social History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CLAS 2540 or 2550 or HIST 3292									
				Examination of Roman life from a number of perspectives emphasizing the Roman family, sexual attitudes, slavery, and the economy. Examines ancient evidence from a range of sources: textual, material, and epigraphical. Familiarizes students with important scholarship on Roman social history and the methods of analysis represented in the field.									
A&S	CLWR	<b>CLAS</b>	<b>4900</b>	<b>Special Topics in Classics</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Special topics in Classical literature, civilization and archaeology.									
A&S	CLWR	<b>CLAS</b>	<b>4930</b>	<b>Independent Study in Classical Literature</b>	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Directed individual reading and research.									
A&S	CLWR	<b>CLAS</b>	<b>4930</b>	<b>Independent Study in Classical Literature</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Directed individual reading and research.									
A&S	CLWR	<b>CLAS</b>	<b>4931H</b>	<b>Departmental Honors Thesis</b>	IND	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (Classical civilization or classical languages major) and Jr only and 3.5 GPA									
				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>4931H</b>	<b>Departmental Honors Thesis</b>	IND	IS	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (Classical civilization or classical languages major) and Jr only and 3.5 GPA									
				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>4970T</b>	<b>Classics Tutorial Senior Thesis</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: CLAS 3980T and HTC and Sr									
				Senior thesis for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>4980T</b>	<b>Classics Tutorial Senior Thesis</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLAS 4970T and HTC and Sr									
				Senior thesis for HTC students only.									
A&S	CLWR	<b>CLAS</b>	<b>5900</b>	<b>Special Topics in Classics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Special topics in Classical literature, civilization and archaeology.									
A&S	CLWR	<b>CLAS</b>	<b>5900</b>	<b>Special Topics in Classics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Special topics in Classical literature, civilization and archaeology.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLAS</b>	<b>5930</b>	<b>Independent Study in Classical Literature</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Supervised reading on a specific topic in classical literature or civilization.									
A&S	CLWR	<b>CLWR</b>	<b>1810</b>	<b>Introduction to the Study of Religion</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		What is "religion" and how do we study it? The answer may seem obvious but it's not. In this course, we explore religious practices in multiple religious traditions and examine the relationship between religion and a range of other social factors--social class, gender, ethnicity, politics, among others. Along the way, we will also reflect on broader comparative and methodological questions posed by scholars who have studied religion from diverse perspectives (historical, psychological, phenomenological, and sociological).									
A&S	CLWR	<b>CLWR</b>	<b>2210</b>	<b>Difficult Dialogues: Religious Beliefs</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		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 World Religions to encourage thoughtful and productive discussion of historically contentious topics. Discussions concerning religious beliefs are notoriously difficult. They have often devolved into disputes, which have divided families, sundered friendships, and even fueled wars. Experience in navigating difficult dialogues concerning, we believe, transfer into the more generalized skill of productive discussion concerning virtually any difficult topic. So, this class is concerned specifically with learning to think through difficult religious topics and more generally with learning to think through any difficult and contentious topic.									
A&S	CLWR	<b>CLWR</b>	<b>2220</b>	<b>Difficult Dialogues: Religion, Gender and Sexuality</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		One of two Difficult Dialogues courses offered to encourage thoughtful and productive discussion of historically contentious topics. Promotes dialogue on conflicts made divisive because of significant differences involving religious beliefs and assumptions about gender and sexuality such as how religious experience is gendered, what scriptures in different traditions say about women, and how religious traditions have changed in the way women and their role in society are viewed. Emphasizes the search for understanding of others whose beliefs are rooted in different religious or secular humanist traditions. Students are asked to engage in disciplined, self-critical thinking. Draws on methods and content from intellectual and religious history, the philosophy of religions, and contemporary religious dialogue.									
A&S	CLWR	<b>CLWR</b>	<b>2230</b>	<b>What is Evil?</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will explore the question ¿What is evil?¿ from the perspectives of the major World Religions¿Judaism, Christianity, Islam, Hinduism and Buddhism. In addition they will explore how evil was conceptualized in core texts of Classical Greece and Ancient Rome. The course begins with a brief introduction to psychological and sociological research which attempts to answer the question ¿Why do good people do evil things?¿ It concludes with a short consideration of representations of evil in popular culture and influential texts written in response to the Holocaust.									
A&S	CLWR	<b>CLWR</b>	<b>2300</b>	<b>The Global Occult: Ghosts, Demonology, and the Paranormal in World Religions</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		What does it mean to believe in ghosts? How do people who cast hexes, perform a Black Mass, or hold séances understand their actions and experiences? Designed to address these kinds of questions, this course is a survey, from the perspective of religious studies, of beliefs about ghosts, demons, and supernatural phenomena throughout history and around the world. In their readings, films, and lectures, students will look at ghost traditions from North India, Hawaii, and Europe; exorcism in the U.S., Sri Lanka, and Tibet; demonology in Buddhism, Hinduism, and Zoroastrianism; and witchcraft in England, Italy, and Niger. They will also examine the scientific claims of parapsychology, the practice of necromancy, and accounts of people who report being attacked by evil spirits in their sleep.									
A&S	CLWR	<b>CLWR</b>	<b>2900</b>	<b>Special Topics in Classics and World Religions</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CLWR	<b>CLWR</b>	<b>2900</b>	<b>Special Topics in Classics and World Religions</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CLWR	<b>CLWR</b>	<b>3310</b>	<b>Old Testament</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the writings of the Hebrew Bible (Christian Old Testament), their relationship to the history and culture in which they were produced, and their relevance to more recent issues in modern religious discourse. Covers a range of topics, including divine encounters, worship practices, sacred space, political religion, archaeology, ethics, gender, and memory. Applies several modern approaches as well as survey at various points the 'afterlife' of the Hebrew scriptural traditions in Judaism, Christianity, and Islam.									
A&S	CLWR	<b>CLWR</b>	<b>3320</b>	<b>New Testament</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Surveys the writings of the New Testament in their historical, political, social, and religious context of the Jewish and Greco-Roman worlds in the first century. Discussions to gain familiarity with questions of authorship, genre, historical setting, historical accuracy, use of the Hebrew Bible/Old Testament, etc. Explores modern academic approaches to the New Testament and its relation to such issues as gender, ethics, identity, the body, politics, ritual, and sacred space, among others. While the course does not adopt a faith-based perspective on the New Testament, we will note the importance of selected texts to modern religious communities.									

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A&S	CLWR	<b>CLWR</b>	<b>3330</b>	<b>Introduction to Islam</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLWR</b>	<b>3340</b>	<b>Hinduism</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence.									
A&S	CLWR	<b>CLWR</b>	<b>3350</b>	<b>Buddhism</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Introduces Buddhist doctrines, practices and institutions. Focuses on the spread and development of Buddhism across Asia and beyond, with an eye toward examining how foundational Buddhist ideas and practices have taken shape in specific places and in particular historical contexts. Selectively surveys the foundational teachings, history and diversity of Buddhism, from the lifetime of the Buddha in fifth century BCE India to contemporary Buddhist communities in Southeast Asia, East Asia, and North America. Along the way, considers some important questions raised and addressed in the critical study of religion.									
A&S	CLWR	<b>CLWR</b>	<b>3360</b>	<b>Theories of Religion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Jr or Sr Surveys the main theoretical orientations that have guided the study of religions within the Humanities and Social Sciences as these fields have developed since the 18th century within the academic institutions of Europe and the United States. Begins with early Enlightenment thinkers who were responding to the wars of religion and the rise of rationalism and empiricism. Continues with 19th and early 20th century scholars who confronted the impact of industrialization, nation-state formation, bureaucratization, technologization, and most of all, the colonization of entire societies and cultures beyond Europe. To listen in on discussions about religion among U.S. and European thinkers during these three centuries is to become privy to the struggles of North Atlantic societies with 'the disenchantment of the world,' that is, the loss of faith in a transcendent purpose connected to a larger divine will. After surveying the classical theories, examines the impact of decolonization on the inherited Enlightenment assumptions concerning religion. Discussion today has raised substantial doubts that the category of 'religion' is of any real empirical or analytical use. Instead, many theorists argue that the inherited conceptions of 'religion' are nothing more than a mask that obscures and justifies Western domination. Other theorists, however, have argued the 'religion' concept is still useful if corrected for its biases. Explores this debate and tries to arrive at one's own conclusions about whether the religion concept is still helpful									
A&S	CLWR	<b>CLWR</b>	<b>3450</b>	<b>Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Soph or Jr or Sr Examination of asceticism--the rejection of physical pleasure and material wealth--as philosophical and religious ideal in pagan and Christian communities in the world. Focus is on reading ancient texts in translation.									
A&S	CLWR	<b>CLWR</b>	<b>3450</b>	<b>Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Soph or Jr or Sr Examination of asceticism--the rejection of physical pleasure and material wealth--as philosophical and religious ideal in pagan and Christian communities in the world. Focus is on reading ancient texts in translation.									
A&S	CLWR	<b>CLWR</b>	<b>3460</b>	<b>Religion and Violence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: Soph or Jr or Sr Examines religious violence by studying historical case studies from different religious traditions. Themes include divine punishments against humans, martyrdom, forced conversions, persecutions, holy wars, and the importance of religion in contemporary conflicts.									
A&S	CLWR	<b>CLWR</b>	<b>3470</b>	<b>Gandhi and the Gita: The Religious Roots of Nonviolent Resistance in Colonial India</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Requisite: How can a book that seeks to justify extreme violence inspire a man whose name is synonymous with peaceful protest? To answer this question, we will examine the life and thought of M. K. Gandhi through the lens of religion, focusing on the text that served as one of his chief inspirations, the Bhagavad Gita. The Gita is an ancient philosophical poem in which the god Krishna convinces the reluctant warrior Arjuna to initiate a war that will annihilate most of the human race. But to Gandhi, this text was the blueprint for the most successful nonviolent resistance movement in history, the campaign to free India from British control. By reading the Gita and works by and about Gandhi, students will examine the confluence of religion and politics that gave rise to Gandhi and to modern India.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLWR</b>	<b>3480X</b>	<b>The History of Yoga: From Ancient Discipline to Modern Movement</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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 of yoga has taken in contemporary western society and the varied responses its popularity has inspired. Along with readings, lectures, films, and discussions, the coursework includes the actual practice of different styles of yoga led by a certified instructor.									
A&S	CLWR	<b>CLWR</b>	<b>3610</b>	<b>American Religions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers the history of religion in America. Examines the Puritan heritage, the rise of religious revival movements, the invention of new religious traditions (Mormonism), and considers the role of religion in America in the present.									
A&S	CLWR	<b>CLWR</b>	<b>3850J</b>	<b>Writing on Religion</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Introduction to primary and secondary sources in the study of religious texts and practices, with the aim of producing and critiquing varying styles of writing about religious phenomena. Focuses on the process of researching and writing, analyzing sources, compiling bibliography, organizing evidence and composing and editing several drafts of each project.									
A&S	CLWR	<b>CLWR</b>	<b>4330</b>	<b>Political Islam</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CLWR 3330 or HIST 3371						
		COURSE DESC:		Why have some Muslims turned to religion as a source for political identity in the contemporary world? What terms should we use to describe this phenomenon? Which individuals and groups have embraced the religio-political renewal, and why have they done so? What forms have the renewal movements taken? In what directions have they developed? What role, in particular, have modernizing states played in the instrumentalizing of Islamic institutions for purposes of control and legitimacy? How have non-state actors--the 'ulama', lay activists, social movements--responded to the conditions created by modernizing states? Addresses these questions by exploring a range of case studies in different national/cultural context--Africa (Morocco, Sudan, Somalia), Southeast Asia (Indonesia), Western Europe (France, Germany, the Netherlands), and North America (US and Canada). Through these case studies, probes what we mean by 'political Islam'--but also the politics of Islam, and what the implications are for a wider globalized modernity.									
A&S	CLWR	<b>CLWR</b>	<b>4340</b>	<b>Sufism-Mysticism and Asceticism in Islam</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CLWR 3330 or HIST 3370 or 3371						
		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	CLWR	<b>CLWR</b>	<b>4350</b>	<b>Women in Buddhist Traditions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CLWR 3350						
		COURSE DESC:		Explores women and Buddhism during different historical periods and in different cultures. Through a variety of sources, illuminates Buddhist concepts of gender and sexuality, views of women's spiritual capacities, the diversity of women's images, roles, experiences, concerns, and contributions in Buddhist societies, and scholarly approaches to women in Buddhism. Special attention given to how gender is constructed in each cultural and religious context encountered, with particular emphasis on Buddhist women in Southeast Asia. Explores reasons why texts on religion have not always included the voices of women, and investigates ways to uncover them through research techniques and alternative hermeneutical strategies.									
A&S	CLWR	<b>CLWR</b>	<b>4410</b>	<b>Contemporary Religious Thought</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	CLWR	<b>CLWR</b>	<b>4420</b>	<b>Religious Experience</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4430</b>	<b>Women and Religion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines images and roles of women in major world religious traditions. We will study religious ideology and its role in shaping social life, the many ways in which women exercise authority in religious traditions, the ways in which women have been innovative in those traditions, and the ways in which women have reinterpreted and re-appropriated patriarchal texts and structures. Students will apply the insights gained in this examination to a project of their own choosing, which should result in a research paper. Students will also have opportunities to increase their understanding of their own religious choices and of religious phenomena more generally.									
A&S	CLWR	<b>CLWR</b>	<b>4440</b>	<b>Taoism and Confucianism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Historical survey of the philosophical and religious tenets of Taoism and the writings of Confucius, and their social and intellectual impact.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLWR</b>	<b>4450X</b>	<b>Sex and the Bible</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: One course in CLWR or CLAS or CLAR or WGSS or Instructor permission In "Sex and the Bible" we look carefully and critically at how concepts of sex, gender, and sexuality are used in the Bible and later biblical interpretation as a fundamental means of shaping and reshaping the interpreter's world in ways both foreign and familiar to modern understandings. We look at the interpretation of the Biblical texts especially as they informed Judeo-Christian thinking about social norms and issues in post-biblical periods. We encounter and examine such topics as gender construction, sexual orientation, taboos, prostitution, idolatry-adultery, family relations, cross-cultural marriage, slavery and trafficking, erotic literature, among others. We interrogate the biblical texts and engage a variety of methods when doing so.									
A&S	CLWR	<b>CLWR</b>	<b>4710</b>	<b>African Religions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Surveys the broad array of religious systems and practices that have emerged historically in the African continent. Topics range from Vodun to Zar, Pentecostalism to Islam, as well as practices specific to particular ethnic groups.									
A&S	CLWR	<b>CLWR</b>	<b>4810</b>	<b>Myth, Ritual, and Symbolism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Explores how people use myths, rituals, and symbols to create, conserve, and contest cultural systems of all sorts. Examples are drawn from diverse religious traditions as well as from art, politics, literature, and the media.									
A&S	CLWR	<b>CLWR</b>	<b>4820</b>	<b>Thinking About Death: Belief and Practice</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Survey of belief systems regarding death rituals, burial practices and the intersection of the dead and the living, through textual and archaeological evidence.									
A&S	CLWR	<b>CLWR</b>	<b>4900</b>	<b>Special Topics in World Religions</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Special topics in aspects of world religions.									
A&S	CLWR	<b>CLWR</b>	<b>4900</b>	<b>Special Topics in World Religions</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Special topics in aspects of world religions.									
A&S	CLWR	<b>CLWR</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and one course in CLWR Directed individual reading and research for students who wish to study an area of world religions not covered by a regular course.									
A&S	CLWR	<b>CLWR</b>	<b>4931H</b>	<b>Departmental Honors Thesis</b>	IND	IS	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: CLWR major and Jr only and 3.5 GPA For world religion majors who have been accepted into the Classics and World Religions Honors program to write an honors thesis.									
A&S	CLWR	<b>CLWR</b>	<b>5330</b>	<b>Islam</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		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	CLWR	<b>CLWR</b>	<b>5330</b>	<b>Islam</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		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	CLWR	<b>CLWR</b>	<b>5340</b>	<b>Hinduism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence. 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLWR</b>	<b>5350</b>	<b>Buddhism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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	CLWR	<b>CLWR</b>	<b>5410</b>	<b>Contemporary Religious Thought</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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	CLWR	<b>CLWR</b>	<b>5410</b>	<b>Contemporary Religious Thought</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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	CLWR	<b>CLWR</b>	<b>5420</b>	<b>Political Islam</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	CLWR 5330 or HIST 5371						
		COURSE DESC:		Why have some Muslims turned to religion as a source for political identity in the contemporary world? What terms should we use to describe this phenomenon? Which individuals and groups have embraced the religio-political renewal, and why have they done so? What forms have the renewal movements taken? In what directions have they developed? What role, in particular, have modernizing states played in the instrumentalizing of Islamic institutions for purposes of control and legitimacy? How have non-state actors--the 'ulama', lay activists, social movements--responded to the conditions created by modernizing states? Addresses these questions by exploring a range of case studies in different national/cultural context--Africa (Morocco, Sudan, Somalia), Southeast Asia (Indonesia), Western Europe (France, Germany, the Netherlands), and North America (US and Canada). Through these case studies, probes what we mean by 'political Islam'--but also the politics of Islam, and what the implications are for a wider globalized modernity.									
A&S	CLWR	<b>CLWR</b>	<b>5420</b>	<b>Political Islam</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	CLWR 5330 or HIST 5371						
		COURSE DESC:		Why have some Muslims turned to religion as a source for political identity in the contemporary world? What terms should we use to describe this phenomenon? Which individuals and groups have embraced the religio-political renewal, and why have they done so? What forms have the renewal movements taken? In what directions have they developed? What role, in particular, have modernizing states played in the instrumentalizing of Islamic institutions for purposes of control and legitimacy? How have non-state actors--the 'ulama', lay activists, social movements--responded to the conditions created by modernizing states? Addresses these questions by exploring a range of case studies in different national/cultural context--Africa (Morocco, Sudan, Somalia), Southeast Asia (Indonesia), Western Europe (France, Germany, the Netherlands), and North America (US and Canada). Through these case studies, probes what we mean by 'political Islam'--but also the politics of Islam, and what the implications are for a wider globalized modernity.									
A&S	CLWR	<b>CLWR</b>	<b>5430</b>	<b>Sufism-Mysticism and Asceticism in Islam</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CLWR 5330 or HIST 5370 or 5371						
		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	CLWR	<b>CLWR</b>	<b>5440</b>	<b>Taoism and Confucianism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Historical survey of the philosophical and religious tenets of Taoism and the writings of Confucius, and their social and intellectual impact.									
A&S	CLWR	<b>CLWR</b>	<b>5450</b>	<b>Women in Buddhist Traditions</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores women and Buddhism during different historical periods and in different cultures. Through a variety of sources, illuminates Buddhist concepts of gender and sexuality, views of women's spiritual capacities, the diversity of women's images, roles, experiences, concerns, and contributions in Buddhist societies, and scholarly approaches to women in Buddhism. Special attention given to how gender is constructed in each cultural and religious context encountered, with particular emphasis on Buddhist women in Southeast Asia. Explores reasons why texts on religion have not always included the voices of women, and investigates ways to uncover them through research techniques and alternative hermeneutical strategies.									
A&S	CLWR	<b>CLWR</b>	<b>5710</b>	<b>African Religions</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Surveys the broad array of religious systems and practices that have emerged historically in the African continent. Topics range from Vodun to Zar, Pentecostalism to Islam, as well as practices specific to particular ethnic groups.									
A&S	CLWR	<b>CLWR</b>	<b>5810</b>	<b>Myth, Ritual and Symbolism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Exploration of symbolic thought and the function of myth in contemporary societies. Three case studies are treated comparatively. Research paper required.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>CLWR</b>	<b>5820</b>	<b>Thinking About Death: Belief and Practice</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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	CLWR	<b>CLWR</b>	<b>5820</b>	<b>Thinking About Death: Belief and Practice</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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	CLWR	<b>CLWR</b>	<b>5900</b>	<b>Special Topics in World Religions</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Special topics in aspects of world religions.									
A&S	CLWR	<b>CLWR</b>	<b>5900</b>	<b>Special Topics in World Religions</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Special topics in aspects of world religions.									
A&S	CLWR	<b>CLWR</b>	<b>5930</b>	<b>Independent Study</b>	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	CLWR	<b>CLWR</b>	<b>5930</b>	<b>Independent Study</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	CLWR	<b>GK</b>	<b>1110</b>	<b>Beginning Greek I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GK 1120						
		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>2120</b>	<b>Intermediate Greek II</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Beginning demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>2710</b>	<b>Demotic Greek I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Beginning demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>2720</b>	<b>Demotic Greek II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GK 2710						
		COURSE DESC:		Continuation of demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>2720</b>	<b>Demotic Greek II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CLWR	<b>GK</b>	<b>2900</b>	<b>Special Topics in Greek</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	CLWR	<b>GK</b>	<b>3110</b>	<b>Archaic Greek Poetry</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GK 2120						
		COURSE DESC:		Readings in Greek epic and didactic poetry (Homer, Hesiod) and the lyric poets (Sappho, Archilochus, Anacreon, etc). Emphasis on poetic form and poet's social function.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>GK</b>	<b>3110</b>	<b>Archaic Greek Poetry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GK 2120 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GK 2120 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>3120</b>	<b>Greek Drama</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GK 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GK 2120 Readings in Greek chiefly from Plato and the Sophists. Emphasis on the role of the authors on cultural, social, and educational transformations of the 5th century B.C.E.									
A&S	CLWR	<b>GK</b>	<b>3140</b>	<b>Greek Historians</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GK 2120 Special topics in Greek literature, authors and genres.									
A&S	CLWR	<b>GK</b>	<b>4900</b>	<b>Special Topics in Greek Literature</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GK 2120 or 3 years Greek Independent or guided study in topics of Greek literature									
A&S	CLWR	<b>GK</b>	<b>5010</b>	<b>Beginning Greek I</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.									
A&S	CLWR	<b>GK</b>	<b>5010</b>	<b>Beginning Greek I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GK 5010 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>5020</b>	<b>Beginning Greek II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GK 5010 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GK 5020 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GK 5110 Study of intermediate-level ancient texts, typically drawn from Homer and Plato.									
A&S	CLWR	<b>GK</b>	<b>5120</b>	<b>Intermediate Greek II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GK 5110 Study of intermediate-level ancient texts, typically drawn from Homer and Plato.									

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A&S	CLWR	<b>GK</b>	<b>5210</b>	<b>Archaic Greek Poetry</b>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>5210</b>	<b>Archaic Greek Poetry</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>5220</b>	<b>Greek Drama</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>5230</b>	<b>Greek Sophists and Philosophers</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>5240</b>	<b>Greek Historians</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 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>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 COURSE DESC: Readings in Greek from the New Testament, the early Greek fathers, and/or non-Christian writers of interest for the study of early Christianity.									
A&S	CLWR	<b>GK</b>	<b>5260</b>	<b>The Greek New Testament and the Milieu of Early Christianity</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: GK 5120 COURSE DESC: Readings in Greek from the New Testament, the early Greek fathers, and/or non-Christian writers of interest for the study of early Christianity.									
A&S	CLWR	<b>GK</b>	<b>5710</b>	<b>Demotic Greek I</b>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Beginning demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>5710</b>	<b>Demotic Greek I</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Beginning demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>5720</b>	<b>Demotic Greek II</b>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: GK 5710 COURSE DESC: Continuation of demotic (modern) Greek.									
A&S	CLWR	<b>GK</b>	<b>5720</b>	<b>Demotic Greek II</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: 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>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Special topics in Greek literature, authors and genres.									
A&S	CLWR	<b>GK</b>	<b>5900</b>	<b>Special Topics in Greek Literature</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Special topics in Greek literature, authors and genres.									

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A&S	CLWR	<b>GK</b>	<b>5930</b>	<b>Independent Study in Greek</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Independent or guided study in topics in Greek literature.									
A&S	CLWR	<b>LAT</b>	<b>1110</b>	<b>Beginning Latin I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 1110									
				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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 1120 or 2-3 years H S Latin									
				Continues emphasis on reading skills developed in first year. Reading numerous prose excerpts from a variety of authors; content primarily concerns Roman history, as well as some poetry.									
A&S	CLWR	<b>LAT</b>	<b>2120</b>	<b>Intermediate Latin II</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 2110									
				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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	CLWR	<b>LAT</b>	<b>2900</b>	<b>Special Topics in Latin</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	CLWR	<b>LAT</b>	<b>3110</b>	<b>Latin Prose and Poetry I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 2120 or 4 years H S Latin									
				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. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	<b>LAT</b>	<b>3110</b>	<b>Latin Prose and Poetry I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 2120 or 4 years H S Latin									
				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. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	<b>LAT</b>	<b>3120</b>	<b>Latin Prose and Poetry II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 2120 or 4 years H S Latin									
				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. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	<b>LAT</b>	<b>4110</b>	<b>Advanced Latin Literature I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 3110 or 3120									
				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. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	<b>LAT</b>	<b>4120</b>	<b>Advanced Latin Literature II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 3110 or 3120 or 4110									
				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. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	<b>LAT</b>	<b>4900</b>	<b>Special Topics in Latin Literature</b>	LEC	LE	3	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LAT 2120									
				Special topics in Latin literature, authors and genres.									
A&S	CLWR	<b>LAT</b>	<b>4930</b>	<b>Independent Study in Latin</b>	IND	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: LAT 2120 or 4 years H S Latin									
				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	LAT	4930	<b>Independent Study in Latin</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: LAT 2120 or 4 years H S Latin									
				Intensive individual reading, research, and written analysis on topics in Latin literature selected by the student in negotiation with a faculty member and supervised by that faculty member.									
A&S	CLWR	LAT	5010	<b>Beginning Latin I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				First of a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors. (Credit does not count toward degree.)									
A&S	CLWR	LAT	5020	<b>Beginning Latin II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5010									
				Second in a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors. (Credit does not count toward degree.)									
A&S	CLWR	LAT	5110	<b>Studies in Latin Literature of the Republic I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5020 or 4 courses undergraduate Latin									
				Extensive reading or study of special topics in period.									
A&S	CLWR	LAT	5120	<b>Studies in Latin Literature of the Republic II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5110									
				Continuation of 5110. Extensive reading or study of special topics in period.									
A&S	CLWR	LAT	5210	<b>Studies in Latin Literature of the Early Empire I</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	LAT	5210	<b>Studies in Latin Literature of the Early Empire I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. work. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	LAT	5220	<b>Studies in Latin Literature of the Early Empire II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Continuation of 5210. Extensive reading of selected authors and/or study of special topics in period.									
A&S	CLWR	LAT	5310	<b>Graduate Readings in Latin Literature I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Advanced study of one or two classical Roman authors. Training in close reading and rigorous textual analysis. Examines variety of recent scholarly approaches to Roman literature. Translation and essay exams, oral reports, and individualized research projects.									
A&S	CLWR	LAT	5320	<b>Graduate Readings in Latin Literature II</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Continuation of 5310. Advanced study of one or two classical Roman authors. Emphasis on rigorous textual analysis, research and scholarly approaches.									
A&S	CLWR	LAT	5320	<b>Graduate Readings in Latin Literature II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: LAT 5120									
				Continuation of 5310. Advanced study of one or two classical Roman authors. Emphasis on rigorous textual analysis, research and scholarly approaches.									
A&S	CLWR	LAT	5900	<b>Special Topics in Latin Literature</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Special topics in Latin literature, authors and genres.									
A&S	CLWR	LAT	5900	<b>Special Topics in Latin Literature</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Special topics in Latin literature, authors and genres.									
A&S	CLWR	LAT	5930	<b>Independent Study in Latin</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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.									



**MASTER CURRICULUM FILE  
 COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	CLWR	<b>T3</b>	<b>4040</b>	<b>Reconstructing Roman Slavery</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 8 Hours in (AAS or ANTH or CLAS or HIST) and Sr only</p> <p>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.</p>									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	<b>ECON</b>	<b>1000</b>	<b>Survey of Economics</b>	LEC	EL	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>1000</b>	<b>Survey of Economics</b>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>2130</b>	<b>Current Economic Problems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	ECON 1000 or 1030 or 1040							
		COURSE DESC:		Application of economic theory to current economic problems with emphasis on public policy implications.									
A&S	ECON	<b>ECON</b>	<b>2900</b>	<b>Special Topics in Economics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>2900</b>	<b>Special Topics in Economics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>2970T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial on topics in microeconomics.									
A&S	ECON	<b>ECON</b>	<b>2971T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial on topics in advanced microeconomics.									
A&S	ECON	<b>ECON</b>	<b>2980T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial on topics in macroeconomics.									
A&S	ECON	<b>ECON</b>	<b>2981T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial on topics in advanced macroeconomics.									
A&S	ECON	<b>ECON</b>	<b>3000</b>	<b>Mathematics for Economists</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	ECON 1030 and 1040							
		COURSE DESC:		Mathematical analysis in economics. Calculus and matrix algebra techniques used prominently in economics literature, together with their application to selected problems in economics.									
A&S	ECON	<b>ECON</b>	<b>3010</b>	<b>Economics of Altruism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		This course is an introduction into behavioral economic theory and methods as they pertain to concepts of altruism, generosity, and giving. The course will contrast economic theories that predict selfish behavior to those that attempt to explain kindness and generosity. Recent research in behavioral economics shows a plethora of surprising and often, conflicting evidence on the existence of altruism. Students will become familiar with the altruism literature and related economic experiments and games. The role of humanitarianism in society will be explored as students perform service learning projects with local non-profit organizations. Students will learn project evaluation techniques to give insight into effective philanthropy.									
A&S	ECON	<b>ECON</b>	<b>3020</b>	<b>Games and Economic Behavior</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ECON 1030 and Warning: No credit for both this course and the following (always deduct credit for first course taken): POLS 4070							
		COURSE DESC:		Game Theory studies interactions between mutually interdependent players who are aware of this interdependence.									

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A&S	ECON	<b>ECON</b>	<b>3030</b>	<b>Intermediate Microeconomics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3080</b>	<b>Behavioral Economics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	1J	N	U30		50
		ELIGIBLE GRADES:		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>3120</b>	<b>Economics of Poverty</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1030						
		COURSE DESC:		Incidence, causes, measurement and analysis of poverty worldwide.									
A&S	ECON	<b>ECON</b>	<b>3130</b>	<b>Economics of the Environment</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1030						
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	<b>ECON</b>	<b>3200</b>	<b>Labor Economics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1030						
		COURSE DESC:		Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.									
A&S	ECON	<b>ECON</b>	<b>3220</b>	<b>Economics of Human Resources</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	ECON	<b>ECON</b>	<b>3320</b>	<b>Industrial Organization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3410</b>	<b>International Monetary Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ECON 1030 and 1040							
		COURSE DESC:		Economic factors in development of U.S., including historical growth of economic institutions such as banking, manufacturing, labor unions, and agriculture, from colonial times to present.									
A&S	ECON	<b>ECON</b>	<b>3530</b>	<b>European Economic History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	ECON	<b>ECON</b>	<b>3600</b>	<b>Money and Banking</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3600</b>	<b>Money and Banking</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3820</b>	<b>Economic Data Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ECON 1030 or 1040) and (3810 or QBA 2010)						
		COURSE DESC:		Microsoft Excel and SAS language, using real-life small and large data sets, and applying various software procedures to conduct statistical and financial analysis of economic and business data. Interpretation of 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>3970T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Tutorial on topics in an economics field.									
A&S	ECON	<b>ECON</b>	<b>3980T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Tutorial on topics in an economics field.									
A&S	ECON	<b>ECON</b>	<b>4060</b>	<b>Monetary Theory and Policy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4060</b>	<b>Monetary Theory and Policy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 3500						
		COURSE DESC:		Analysis of African Economies									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	<b>ECON</b>	<b>4730</b>	<b>Economics of Southeast Asia</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ECON 1030 and 1040						
		COURSE DESC:		Economic characteristics, development problems, strategies, and prospects of countries of Southeast Asia.									
A&S	ECON	<b>ECON</b>	<b>4740</b>	<b>Economics of Latin America</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:		ECON 1040						
		COURSE DESC:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ECON 3040 and (3030 or 3050) and (3810 or QBA 2010 or MATH 253)						
		COURSE DESC:		Statistical testing of economic hypotheses employing linear regression. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.									
A&S	ECON	<b>ECON</b>	<b>4870</b>	<b>Introduction to Econometrics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4890</b>	<b>Economics with SAS</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>4900</b>	<b>Special Topics in Economics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>4910</b>	<b>Internship in Economics</b>	FLD	FE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:		ECON 1030 and 1040 and 3810						
		COURSE DESC:		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	EL	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Readings in selected fields of economics. Topics selected by student in consultation with faculty member.									
A&S	ECON	<b>ECON</b>	<b>4930</b>	<b>Readings</b>	IND	IS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		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>	RSC	RS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Methodology, analysis of data, and preparation of research findings.									
A&S	ECON	<b>ECON</b>	<b>4970T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		HTC						
		COURSE DESC:		Thesis Tutorial									

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A&S	ECON	<b>ECON</b>	<b>4980T</b>	<b>Economics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis Tutorial									
A&S	ECON	<b>ECON</b>	<b>5010</b>	<b>Economics of Altruism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		This course is an introduction into behavioral economic theory and methods as they pertain to concepts of altruism, generosity, and giving. The course will contrast economic theories that predict selfish behavior to those that attempt to explain kindness and generosity. Recent research in behavioral economics shows a plethora of surprising and often, conflicting evidence on the existence of altruism. Students will become familiar with the altruism literature and related economic experiments and games. The role of humanitarianism in society will be explored as students perform service learning projects with local non-profit organizations. Students will learn project evaluation techniques to give insight into effective philanthropy.									
A&S	ECON	<b>ECON</b>	<b>5020</b>	<b>Games and Economic Behavior</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Game Theory studies interactions between mutually interdependent players who are aware of this interdependence.									
A&S	ECON	<b>ECON</b>	<b>5030</b>	<b>Intermediate Microeconomics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5040</b>	<b>Intermediate Macroeconomics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5050</b>	<b>Managerial Economics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Analysis of decision-making in enterprise; market environment; measurement of influence of policy and nonpolicy variables on sales and costs; sales, cost, and profit forecasting; and empirical studies of market structure and pricing.									
A&S	ECON	<b>ECON</b>	<b>5060</b>	<b>Monetary Theory and Policy</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5060</b>	<b>Monetary Theory and Policy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5120</b>	<b>Economics of Poverty</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Incidence, causes, measurement and analysis of poverty worldwide.									
A&S	ECON	<b>ECON</b>	<b>5130</b>	<b>Economics of the Environment</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5140</b>	<b>Natural Resource Economics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>5150</b>	<b>Economics of Health Care</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>5200</b>	<b>Labor Economics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5250</b>	<b>Government and Economic Policy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Role played by government as user of economic resources and redistributor of incomes. Some questions explored: need for government's entry into economy, optimal size of government, selection of tax and expenditures schemes, and effects of government economic activity on private sector.									
A&S	ECON	<b>ECON</b>	<b>5320</b>	<b>Industrial Organization</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Market structures, market conduct, and social performance of industries. Emphasis upon firms' strategic behavior in price and nonprice competition. Topics include oligopolistic pricing, strategic entry deterrence, location strategies, product quality, advertising, and research and development. Economic welfare implications of firms' behavior examined.									
A&S	ECON	<b>ECON</b>	<b>5340</b>	<b>Economics of Antitrust</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Explores the economic behavior of the firm subject to antitrust laws. Topics include collusion, price discrimination, vertical restraints, and other behavior where the intent may be to monopolize a market. Also examines institutional incentives and economic benefits and costs of antitrust laws.									
A&S	ECON	<b>ECON</b>	<b>5350</b>	<b>Economics of Energy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	ECON 6002						
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5410</b>	<b>International Monetary Systems</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5500</b>	<b>Development Economics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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.									



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A&S	ECON	<b>ECON</b>	<b>5510</b>	<b>Agricultural Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Patterns of agricultural development; technological and demographic changes in agriculture; socioeconomic problems; marketing arrangements; case studies of specific agricultural development projects. COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5520</b>	<b>Economic History of the United States</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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. COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5530</b>	<b>European Economic History</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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. COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5550</b>	<b>Economics of Africa</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Analysis of African Economies COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5600</b>	<b>Money and Banking</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Role of money and banking system in determination of national income and output. COURSE DESC:	LEC	EL	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5600</b>	<b>Money and Banking</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Role of money and banking system in determination of national income and output. COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5710</b>	<b>Cost Benefit Analysis</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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. COURSE DESC:	LEC	LE	4	0		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5730</b>	<b>Economics of Southeast Asia</b> ELIGIBLE GRADES: A-F REQUISITE: Economic characteristics, development problems, strategies, and prospects of countries of Southeast Asia. COURSE DESC:	LEC	LE	4	8		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5740</b>	<b>Economics of Latin America</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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. COURSE DESC:	LEC	LE	4	8		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5750</b>	<b>Economics of China</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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. COURSE DESC:	LEC	LE	4	8		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5760</b>	<b>Economics of Korea, Japan, and Southeast Asia</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Study the economic characteristics, current economic problems, and future growth prospects for these economies. COURSE DESC:	LEC	LE	4	8		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5810</b>	<b>Economic Statistics</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Statistical methods are developed within an economic context. Fundamental statistical topics include descriptive statistics, basic probability theory, random variables, sampling, estimation, and hypothesis testing. COURSE DESC:	LEC	LE	4	8		N	G40		0
A&S	ECON	<b>ECON</b>	<b>5820</b>	<b>Economic Data Analysis</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Microsoft Excel and SAS language, using real-life small and large data sets, and applying various software procedures to conduct statistical and financial analysis of economic and business data. Interpretation of statistical output of estimated functions and written reports for rational decision making, by using business and economic analysis. COURSE DESC:	LEC	LE	4	8		N	G40		0

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A&S	ECON	<b>ECON</b>	<b>5890</b>	<b>Economics with SAS</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5890</b>	<b>Economics with SAS</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Students will use SAS software to conduct economic analysis.									
A&S	ECON	<b>ECON</b>	<b>5900</b>	<b>Special Topics in Economics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>5900</b>	<b>Special Topics in Economics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ECON	<b>ECON</b>	<b>6000</b>	<b>Managerial Economics</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 3030 or 3050 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6030</b>	<b>Advanced Microeconomic Theory I</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6001 and 6002 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6030 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6001 and 6002 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>6350</b>	<b>Econometrics I</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6001 and 6002 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6350 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ECON 6350 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ECON	<b>ECON</b>	<b>6900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	FLD	FE	4 to 8	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Student will complete an internship in a position which requires economic or statistical research and analysis. Internship position must receive prior approval by the Director of Graduate Studies.									
A&S	ECON	<b>ECON</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Readings in selected fields in economics under direction of staff member.									
A&S	ECON	<b>ECON</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	RSC	RS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	THE	TH	4	12		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	SEM	SE	4	12		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Writing of scholarly papers in areas of economics.									
A&S	ECON	<b>ECON</b>	<b>6980</b>	<b>Colloquium</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Selected topics of current interest.									
A&S	ECON	<b>MFE</b>	<b>6000</b>	<b>Quantitative Analysis for Financial Markets</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will learn the basic tools necessary for understanding how economic theory is applied to financial markets. Financial economic theory is expressed in the language of mathematics and is applied to the real world using statistics. This course offers a blend of mathematics and statistics designed especially for the financial market practitioner. Major topics include solving systems of equations, optimization, probability theory, and hypothesis testing.									
A&S	ECON	<b>MFE</b>	<b>6010</b>	<b>Macroeconomics and Business Fluctuations</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analyses of demand for money, inflation, interest rates, capital growth, asset markets, financial intermediaries, and the relationship between money and the business cycles. Other topics include national income, savings, investment, unemployment, fiscal, and monetary policies.									
A&S	ECON	<b>MFE</b>	<b>6050</b>	<b>Managerial Economics</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Measuring economic relationships, analyzing market behavior of consumers and firms, and examining some major economic decisions of business firm.									
A&S	ECON	<b>MFE</b>	<b>6100</b>	<b>Managerial Accounting</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Solid foundation in the environment of financial reporting.									
A&S	ECON	<b>MFE</b>	<b>6200</b>	<b>Corporate Finance</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The roles and responsibilities of financial manager with special emphasis on advanced tools and techniques for solving complex financial problems.									
A&S	ECON	<b>MFE</b>	<b>6210</b>	<b>Financial Management II</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Application of financial theory and analysis techniques to major financial decisions facing managers.									

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A&S	ECON	<b>MFE</b>	<b>6220</b>	<b>Quantitative Analysis in Equity Markets</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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 (ARMA) models, random walks and unit roots, ARCH/GARCH models, and the Vector Autoregressive (VAR) models. Students obtain a theoretical understanding of each model and their applications in equities. The application of these models is studied using econometric software, such as EViews and SAS.									
A&S	ECON	<b>MFE</b>	<b>6220</b>	<b>Quantitative Analysis in Equity Markets</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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 (ARMA) models, random walks and unit roots, ARCH/GARCH models, and the Vector Autoregressive (VAR) models. Students obtain a theoretical understanding of each model and their applications in equities. The application of these models is studied using econometric software, such as EViews and SAS.									
A&S	ECON	<b>MFE</b>	<b>6230</b>	<b>Portfolio Theory</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The decision making process in the management of individual and institutional securities portfolios.									
A&S	ECON	<b>MFE</b>	<b>6390</b>	<b>Statistics and Econometrics: Theory and Application</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Classical linear regression and various diagnostic tests and remedies for violations of classical assumptions, and various forecasting models.									
A&S	ECON	<b>MFE</b>	<b>6400</b>	<b>International Trade and Financial Economics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The benefits from international trade. The law of comparative advantage, the factor endowment explanation of international trade, and other theories of international trade. Other topics include foreign exchange markets, interest arbitrage, portfolio theory, balance of payments, and international banking.									
A&S	ECON	<b>MFE</b>	<b>6440</b>	<b>Financial Derivatives</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		A risk management course dealing with contract specifications. Characteristics of options and futures trading procedures. The pricing mechanism that joins commodity, options, futures, and futures options markets.									
A&S	ECON	<b>MFE</b>	<b>6500</b>	<b>Fixed Income Analysis</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The role of fixed income investments and other alternative investments in financial markets and the analysis of these financial instruments in investment portfolios.									
A&S	ECON	<b>MFE</b>	<b>6900</b>	<b>Special Topics in Master Financial Economics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>MFE</b>	<b>6900</b>	<b>Special Topics in Master Financial Economics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ECON	<b>MFE</b>	<b>6910</b>	<b>Internship</b>	FLD	FE	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		CR, 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	EL	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Readings in selected fields in economics under direction of staff member.									
A&S	ECON	<b>MFE</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Readings in selected fields in economics under direction of staff member.									
A&S	ECON	<b>MFE</b>	<b>6940</b>	<b>Research</b>	RSC	RS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research in selected fields of financial economics under supervision of staff member.									
A&S	ECON	<b>MFE</b>	<b>6950</b>	<b>Master's Thesis</b>	THE	TH	4	12		N	G40		0
		ELIGIBLE GRADES:		CR, 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.									

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A&S	ECON	<b>MFE</b>	<b>6960</b>	<b>Master's Paper</b>	SEM	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: MFE 6000 and 6390									
				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>6960</b>	<b>Master's Paper</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: MFE 6000 and 6390									
				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>	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Selected topics of current interest.									
A&S	ECON	<b>MFE</b>	<b>6980</b>	<b>Colloquium</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Selected topics of current interest.									

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A&S	EECS	EE	5753	<b>Computer Network Communication</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	<b>ENG</b>	<b>D150</b>	<b>Developmental Writing Skills</b>	SEM	SE	3	0		N	V00		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ENG D160 placement or non-native English speaker and	WARNING:	not ENG 1510					
		COURSE DESC:		Intended to assist non-native English speaking students in becoming more skilled writers in their undergraduate coursework. Students practice their ability to organize, develop, and write up their ideas; use sources in their writing without plagiarizing; revise and proofread their own writing; and become more aware of their own strengths and opportunities for development in writing. Helping students use correct grammar and vocabulary is also very important in this course.									
A&S	ENG	<b>ENG</b>	<b>1510</b>	<b>Writing and Rhetoric I</b>	LEC	LE	3	0	1E	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		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>1600</b>	<b>Introduction to Shakespeare in Film</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>1600</b>	<b>Introduction to Shakespeare in Film</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	1E	N	U10		0
		ELIGIBLE GRADES:		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>2000X</b>	<b>Introduction to Creative Writing</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to the major genres (poetry, fiction, nonfiction) with an emphasis on the practice and criticism of creative writing.									
A&S	ENG	<b>ENG</b>	<b>2010</b>	<b>Introduction to Prose Fiction and Nonfiction</b>	LEC	EL	3	0	2HL	N	U30	CCE, CORRESPOND	35
		ELIGIBLE GRADES:		A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing) as they have developed and changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	<b>ENG</b>	<b>2010</b>	<b>Introduction to Prose Fiction and Nonfiction</b>	LEC	LE	3	0	2HL	N	U30	CCE, CORRESPOND	35
		ELIGIBLE GRADES:		A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing) as they have developed and changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	<b>ENG</b>	<b>2020</b>	<b>Introduction to Poetry and Drama</b>	LEC	EL	3	0	2HL	N	U30		35
		ELIGIBLE GRADES:		A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of poetry and drama as they have changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	<b>ENG</b>	<b>2020</b>	<b>Introduction to Poetry and Drama</b>	LEC	LE	3	0	2HL	N	U30		35
		ELIGIBLE GRADES:		A-F	REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B							
		COURSE DESC:		Introduces students to the different forms of poetry and drama as they have changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.									
A&S	ENG	<b>ENG</b>	<b>2030X</b>	<b>English Electronic Portfolio I</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		This class teaches students how to set up and manage a draft e-portfolio. Students will select appropriate items to include in an e-portfolio and reflect on the learning demonstrated in those items.									
A&S	ENG	<b>ENG</b>	<b>2100</b>	<b>Critical Approaches to Popular Literature</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2100</b>	<b>Critical Approaches to Popular Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	ENG	<b>ENG</b>	<b>2260X</b>	<b>The Poetics/Poetry of War and Peace</b>	DIS	DI	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		New War and Peace Studies elective; open to all majors. This hybrid creative writing workshop/literature course that explores what the term "service" means to students and their communities. We'll experiment with with story telling through writing--mainly poetry and nonfiction, take field trips, host guest speakers, collect oral histories, work with and learn from Ohio and Athens-area veterans. We will also read extensively from poets and writers living in countries where the U.S. has a military presence. A special invitation to veterans; all level of creative writers welcome.									
A&S	ENG	<b>ENG</b>	<b>2800</b>	<b>Expository Writing and the Research Paper</b>	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Practice in library research, techniques of documentation, and writing research papers.									
A&S	ENG	<b>ENG</b>	<b>2800</b>	<b>Expository Writing and the Research Paper</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Practice in library research, techniques of documentation, and writing research papers.									
A&S	ENG	<b>ENG</b>	<b>2820</b>	<b>Writing About Literature as Social Action</b>	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Addresses works of literature from a rhetorical perspective, viewing different literary texts as situated within a time and culture. Students analyze different texts as examples of social action. Sections might focus on specific literary genres such as the novel, short fiction, drama, poetry, the memoir, etc., or they might use a mixture of genres. The course engages students in formal and informal writing, writing to learn, critical reading, and critical thinking. This course can serve as one of the core course requirements for the Writing Certificate.									
A&S	ENG	<b>ENG</b>	<b>2820</b>	<b>Writing About Literature as Social Action</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Addresses works of literature from a rhetorical perspective, viewing different literary texts as situated within a time and culture. Students analyze different texts as examples of social action. Sections might focus on specific literary genres such as the novel, short fiction, drama, poetry, the memoir, etc., or they might use a mixture of genres. The course engages students in formal and informal writing, writing to learn, critical reading, and critical thinking. This course can serve as one of the core course requirements for the Writing Certificate.									
A&S	ENG	<b>ENG</b>	<b>2900</b>	<b>Special Topics in English</b>	LEC	EL	3	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>2900</b>	<b>Special Topics in English</b>	LEC	LE	3	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>2970T</b>	<b>Introduction to English Studies</b>	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to Honors Tutorial Program in English						
		COURSE DESC:		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>	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HTC						
		COURSE DESC:		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>	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HTC						
		COURSE DESC:		Intensive study through reading, writing, discussion, and tutorial conferencing of the poetry, prose, and drama of Anglo-Saxon, Medieval, and Early Modern England (700 C.E. to 1688 C.E.).									
A&S	ENG	<b>ENG</b>	<b>2981T</b>	<b>American Literature</b>	TUT	TU	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HTC						
		COURSE DESC:		Intensive study through reading, writing, discussion, and tutorial conferencing of American poetry, prose, and drama from the 17th century to the present.									
A&S	ENG	<b>ENG</b>	<b>3010</b>	<b>Shakespeare</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3010</b>	<b>Shakespeare</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr						
		COURSE DESC:		A survey of plays by Shakespeare and other Renaissance playwrights, often focused on a specific topic.									



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A&S	ENG	<b>ENG</b>	<b>3020</b>	<b>Topics in Shakespeare</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ENG 250 or 2020 or 2 courses above ENG 2000 or Jr or Sr 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>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Examines rhetorical theory in professional writing, such as the role of context, audience, and purpose in creating documents, and ethical decision making in professional writing. Will engage students in writing and reading critically, writing individually and collaboratively, and writing formally and informally.									
A&S	ENG	<b>ENG</b>	<b>3030J</b>	<b>Writing, Reading, and Rhetoric in the Professions</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Examines rhetorical theory in professional writing, such as the role of context, audience, and purpose in creating documents, and ethical decision making in professional writing. Will engage students in writing and reading critically, writing individually and collaboratively, and writing formally and informally.									
A&S	ENG	<b>ENG</b>	<b>3040</b>	<b>English Bible</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr) Selected prose and poetry of the Hebrew and Christian scriptures.									
A&S	ENG	<b>ENG</b>	<b>3050J</b>	<b>Advanced Multilingual Writing and Rhetoric</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) This course is for multilingual students and encourages students to draw on their knowledge and talent in all languages to compose effectively in English. Students compose print and multimodal texts in a variety of public and professional genres, composing primarily in English. Students receive additional English language support as needed. The course also explores relationships between language and power, especially English as a global language.									
A&S	ENG	<b>ENG</b>	<b>3050J</b>	<b>Advanced Multilingual Writing and Rhetoric</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) This course is for multilingual students and encourages students to draw on their knowledge and talent in all languages to compose effectively in English. Students compose print and multimodal texts in a variety of public and professional genres, composing primarily in English. Students receive additional English language support as needed. The course also explores relationships between language and power, especially English as a global language.									
A&S	ENG	<b>ENG</b>	<b>3060J</b>	<b>Women and Writing</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Practice in developing essays on women and their interests, on women and writing, and on gender issues.									
A&S	ENG	<b>ENG</b>	<b>3060J</b>	<b>Women and Writing</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Practice in developing essays on women and their interests, on women and writing, and on gender issues.									
A&S	ENG	<b>ENG</b>	<b>3070J</b>	<b>Writing and Research in English Studies</b>	LEC	EL	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Scholarly writing in English studies include research reports, integration of primary and secondary texts, library resources, and MLA/Chicago documentation.									
A&S	ENG	<b>ENG</b>	<b>3070J</b>	<b>Writing and Research in English Studies</b>	LEC	LE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Scholarly writing in English studies include research reports, integration of primary and secondary texts, library resources, and MLA/Chicago documentation.									
A&S	ENG	<b>ENG</b>	<b>3080J</b>	<b>Writing and Rhetoric II</b>	LEC	EL	3	0	1J	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Focuses on skills in writing a variety of genres (i.e. rhetorical analysis, research-based argument, report, etc). Coursework includes learning to read rhetorically and using effective strategies for searching academic databases and evaluating sources. Also focuses on using correct documentation and mechanics.									
A&S	ENG	<b>ENG</b>	<b>3080J</b>	<b>Writing and Rhetoric II</b>	LEC	LE	3	0	1J	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Focuses on skills in writing a variety of genres (i.e. rhetorical analysis, research-based argument, report, etc). Coursework includes learning to read rhetorically and using effective strategies for searching academic databases and evaluating sources. Also focuses on using correct documentation and mechanics.									

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A&S	ENG	<b>ENG</b>	<b>3090J</b>	<b>Writing in the Sciences</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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>3090J</b>	<b>Writing in the Sciences</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	ENG	<b>ENG</b>	<b>3110</b>	<b>English Literature to 1500</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3110</b>	<b>English Literature to 1500</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3120</b>	<b>English Literature: 1500-1660</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3130</b>	<b>English Literature: 1660-1800</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3140</b>	<b>English Literature: 1800-1900</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3150</b>	<b>English Literature: 1900 to Present</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3150</b>	<b>English Literature: 1900 to Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	ENG	<b>ENG</b>	<b>3210</b>	<b>American Literature to 1865</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		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>3220</b>	<b>American Literature: 1865-1918</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		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>3230</b>	<b>American Literature: 1918 to Present</b>	LEC	LE	3	0		N	U30	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 and Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Surveys poetry, prose, and theoretical texts by women writers.									
A&S	ENG	<b>ENG</b>	<b>3260</b>	<b>Lesbian and Gay Literature</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Surveys lesbian, gay, bisexual, and transgendered (LGBT) literature with an emphasis on how LGBT identities and experiences have been represented in post-1900 literary discourse.									
A&S	ENG	<b>ENG</b>	<b>3260</b>	<b>Lesbian and Gay Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Surveys lesbian, gay, bisexual, and transgendered (LGBT) literature with an emphasis on how LGBT identities and experiences have been represented in post-1900 literary discourse.									
A&S	ENG	<b>ENG</b>	<b>3270</b>	<b>Queer Rhetorics and Writing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3270</b>	<b>Queer Rhetorics and Writing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	ENG	<b>ENG</b>	<b>3280</b>	<b>Women's Rhetorics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Surveys persuasive writing by women in every historical epoch from B.C.E. to the present. Although the focus is on Western rhetorics, attention will be paid to rhetorics beyond the Western canon. We will address how and why women's rhetorics have been excluded from the rhetorical canon until recently, when revisionist histories have redefined rhetoric to include them.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	<b>ENG</b>	<b>3290</b>	<b>Rhetoric and Law</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3290</b>	<b>Rhetoric and Law</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3300</b>	<b>Ecological Discourses in English Studies</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3310</b>	<b>Studies in Asian Literatures I: Beginnings to 1850</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0	2CP	N	U30		0
A&S	ENG	<b>ENG</b>	<b>3310</b>	<b>Studies in Asian Literatures I: Beginnings to 1850</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2CP	N	U30		0
A&S	ENG	<b>ENG</b>	<b>3320</b>	<b>Studies in Asian Literature II</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0	2CP	N	U30		0
A&S	ENG	<b>ENG</b>	<b>3320</b>	<b>Studies in Asian Literature II</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2CP	N	U30		0
A&S	ENG	<b>ENG</b>	<b>3340</b>	<b>Israeli Literature</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3340</b>	<b>Israeli Literature</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3370</b>	<b>African American Literature to 1930</b> ELIGIBLE GRADES: A-F COURSE DESC: Will study authors, works, genres, and topics in African American literature up to 1930	LEC	EL	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3370</b>	<b>African American Literature to 1930</b> ELIGIBLE GRADES: A-F COURSE DESC: Will study authors, works, genres, and topics in African American literature up to 1930	LEC	LE	3	0		N	U30		0

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A&S	ENG	<b>ENG</b>	<b>3390</b>	<b>African American Literature from 1930 to the Present</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature from 1930 to the present.									
A&S	ENG	<b>ENG</b>	<b>3390</b>	<b>African American Literature from 1930 to the Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Will study authors, works, genres, and topics in African American literature from 1930 to the present.									
A&S	ENG	<b>ENG</b>	<b>3400</b>	<b>Introduction to Analysis of Moving Image Texts</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200						
		COURSE DESC:		Introduction to analysis of moving image texts including film, television, and video.									
A&S	ENG	<b>ENG</b>	<b>3400</b>	<b>Introduction to Analysis of Moving Image Texts</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200						
		COURSE DESC:		Introduction to analysis of moving image texts including film, television, and video.									
A&S	ENG	<b>ENG</b>	<b>3490</b>	<b>History of Books and Printing</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Introduction to history of the book and its place in development of Western culture from ancient world to present. Approach is primarily historical, cultural, and aesthetic.									
A&S	ENG	<b>ENG</b>	<b>3500</b>	<b>Grammar, Mechanics, and Usage</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 or 1610 or 151A or 152 or 153 or 153A or 153B						
		COURSE DESC:		Grammatical understanding and awareness of relationships in sentence structure, usage, and punctuation.									
A&S	ENG	<b>ENG</b>	<b>3510</b>	<b>The History of the English Language</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	1 course above ENG D160						
		COURSE DESC:		Examines changes affecting English; sound patterns, grammatical forms, vocabulary, and semantic values.									
A&S	ENG	<b>ENG</b>	<b>3510</b>	<b>The History of the English Language</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	1 course above ENG D160						
		COURSE DESC:		Examines changes affecting English; sound patterns, grammatical forms, vocabulary, and semantic values.									
A&S	ENG	<b>ENG</b>	<b>3550</b>	<b>Studies in World Literature</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Presents a mosaic of texts to acquaint students with the literature of Africa, Asia, the Caribbean, Eastern European, and Latin America. Designed to provide samples of diverse writing from different historical, cultural, and socio-political contexts. Emphasizes shorter texts (short stories, poems, novellas, plays) to better acquaint students with at least two of the various regions.									
A&S	ENG	<b>ENG</b>	<b>3550</b>	<b>Studies in World Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2010 or 2020 or 250 or 2 courses above ENG 200 or (Jr or Sr)						
		COURSE DESC:		Presents a mosaic of texts to acquaint students with the literature of Africa, Asia, the Caribbean, Eastern European, and Latin America. Designed to provide samples of diverse writing from different historical, cultural, and socio-political contexts. Emphasizes shorter texts (short stories, poems, novellas, plays) to better acquaint students with at least two of the various regions.									
A&S	ENG	<b>ENG</b>	<b>3560</b>	<b>Young Adult Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 2010 or 2020 or 250 or 2 courses above ENG 200)						
		COURSE DESC:		Examines the historical development and characteristics of young adult literature, including a focus on methods of instruction.									
A&S	ENG	<b>ENG</b>	<b>3570</b>	<b>Law and Literature</b>	LEC	EL	3	0	2HL	N	U30		25
		ELIGIBLE GRADES:		A-F		REQUISITE:	Tier I English						
		COURSE DESC:		This course examines the relationship between law and literature, beginning by focusing on their similarities in techniques and goals before moving to an exploration of how they approach questions of justice, morality, and fairness in very different ways. The course will explore how law and literature perform complementary yet often opposing functions in culture and society. Our readings in literary texts will explore the various ways that literature and law interact, as literature will be observed both to illuminate the workings of justice and its assumptions for readers as well as addressing flaws in legal systems, often turning readers against the laws that govern them and challenging citizen-readers to demand that their laws actually be just and equitable.									

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A&S	ENG	<b>ENG</b>	<b>3570</b>	<b>Law and Literature</b>	LEC	LE	3	0	2HL	N	U30		25
		ELIGIBLE GRADES:		A-F		REQUISITE:	Tier I English						
		COURSE DESC:		This course examines the relationship between law and literature, beginning by focusing on their similarities in techniques and goals before moving to an exploration of how they approach questions of justice, morality, and fairness in very different ways. The course will explore how law and literature perform complementary yet often opposing functions in culture and society. Our readings in literary texts will explore the various ways that literature and law interact, as literature will be observed both to illuminate the workings of justice and its assumptions for readers as well as addressing flaws in legal systems, often turning readers against the laws that govern them and challenging citizen-readers to demand that their laws actually be just and equitable.									
A&S	ENG	<b>ENG</b>	<b>3610</b>	<b>Creative Writing: Fiction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 200 or 201 or 250 or 2010 or 2020						
		COURSE DESC:		Beginning course in writing short fiction with emphasis on invention, craft, and criticism of student writing and published fiction.									
A&S	ENG	<b>ENG</b>	<b>3620</b>	<b>Creative Writing: Poetry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 200 or 202 or 250 or 2010 or 2020						
		COURSE DESC:		Beginning course in writing poetry with emphasis on invention, craft, and criticism of student writing and published poetry.									
A&S	ENG	<b>ENG</b>	<b>3630</b>	<b>Creative Writing: Nonfiction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 200 or 201 or 250 or 2010 or 2020						
		COURSE DESC:		Beginning course in writing nonfiction with emphasis on invention, craft, and criticism of student writing and published nonfiction.									
A&S	ENG	<b>ENG</b>	<b>3650</b>	<b>Introduction to Literary Editing and Publishing</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 3610 or 3620 or 3630						
		COURSE DESC:		An introduction to the issues and practices of literary magazine editing and publishing, with an examination of both print journals and web-based magazines.									
A&S	ENG	<b>ENG</b>	<b>3820</b>	<b>Rhetorical Approaches to Writing</b>	SEM	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		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>3820</b>	<b>Rhetorical Approaches to Writing</b>	SEM	SE	3	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3830</b>	<b>Politics and Literacy: Issues of Race, Class and Gender</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 and (Soph or Jr or Sr)						
		COURSE DESC:		Writing about cultural issues and artifacts and how they function rhetorically in our society. Different sections might focus on particular issues or artifacts; popular culture, sports, sexuality, etc. Engages students in formal writing, informal writing, writing to learn, critical reading, and critical thinking.									
A&S	ENG	<b>ENG</b>	<b>3850</b>	<b>Writing About Culture and Society</b>	SEM	SE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 1510 and (Soph or Jr or Sr)						
		COURSE DESC:		Writing about cultural issues and artifacts and how they function rhetorically in our society. Different sections might focus on particular issues or artifacts; popular culture, sports, sexuality, etc. Engages students in formal writing, informal writing, writing to learn, critical reading, and critical thinking.									

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A&S	ENG	<b>ENG</b>	<b>3860</b>	<b>Composing in New Media</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the expansion of written communication through emerging technologies called 'new media.' Readings will explore the relationships among new media, rhetoric, literacy, and textual genres. Various examples will be analyzed and related to the theoretical readings. Students will explore the implications of widespread computer use and compose projects that explore the multiple modes of digital composition.	LEC	LE	3	0		N	U30		50
A&S	ENG	<b>ENG</b>	<b>3950</b>	<b>Creative Writing Workshop: Nonfiction</b> ELIGIBLE GRADES: A-F COURSE DESC: Instruction and practice in writing nonfiction prose, with attention to memoir, literary journalism, and literary essays.	SEM	SE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3960</b>	<b>Creative Writing Workshop: Short Story</b> ELIGIBLE GRADES: A-F COURSE DESC: Instruction and practice in fiction writing, concentrating on narrative, character, and setting.	SEM	SE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3970</b>	<b>Intermediate Creative Writing Workshop: Poetry</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3970T</b>	<b>Specialized Tutorial I</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: 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.	TUT	TU	1 to 12	13		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3980</b>	<b>Critical Theory for Multi-Ethnic/Cross-Cultural Studies</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3980</b>	<b>Critical Theory for Multi-Ethnic/Cross-Cultural Studies</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3980T</b>	<b>Specialized Tutorial II</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: 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.	TUT	TU	1 to 12	13		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3990</b>	<b>Literary Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to the work of writers, philosophers, and theorists whose voices have been influential in contemporary literary and cultural theory.	SEM	EL	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>3990</b>	<b>Literary Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to the work of writers, philosophers, and theorists whose voices have been influential in contemporary literary and cultural theory.	SEM	SE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4030X</b>	<b>English Electronic Portfolio II</b> ELIGIBLE GRADES: A-F COURSE DESC: This course will support student development of e-portfolios that can be used for application to graduate school and/or career placement.	LEC	LE	1	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4470</b>	<b>Studies in Criticism</b> ELIGIBLE GRADES: A-F COURSE DESC: Problems in critical theory.	LEC	LE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4500</b>	<b>Postcolonial and Transnational Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Critical approaches to postcolonial and/or transnational literatures from around the globe, especially Africa, South Asia, the Caribbean, and Eastern Europe	LEC	EL	3	0		N	U30		0

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A&S	ENG	<b>ENG</b>	<b>4500</b>	<b>Postcolonial and Transnational Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EDTE 2000 and 2010 and 2020						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EDTE 2000 and 2010 and 2020						
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4560</b>	<b>Readings in Children's Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 3070J or 254) and Sr only						
		COURSE DESC:		Concentrated attention to one literary topic, e.g., a genre, theme, rhetoric, or literary theory. Topics are announced quarterly in the departmental course description booklet available in Ellis Hall.									
A&S	ENG	<b>ENG</b>	<b>4640</b>	<b>English Authors</b>	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 3070J or 254) and Sr only						
		COURSE DESC:		Authors to be studied vary section to section, semester to semester, and are announced quarterly during priority registration in the departmental course description booklet available in Ellis Hall.									
A&S	ENG	<b>ENG</b>	<b>4650</b>	<b>American Authors</b>	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 3070J or 254) and Sr only						
		COURSE DESC:		Authors to be studied vary section to section, semester to semester, and are announced quarterly during priority registration in the departmental course description booklet available at Ellis Hall.									
A&S	ENG	<b>ENG</b>	<b>4660</b>	<b>International Authors</b>	LEC	LE	3	12	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 3070J or 254) and Sr only						
		COURSE DESC:		Authors to be studied vary section to section, semester to semester, and are announced quarterly during priority registration in the departmental course description booklet available at Ellis Hall.									
A&S	ENG	<b>ENG</b>	<b>4810</b>	<b>Form and Theory of Literary Genres: Fiction</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 3610 and 3960						
		COURSE DESC:		Seminar content varies. For students who have completed two fiction workshops and are ready for more ambitious writing projects. May be focused on the challenges of novel-writing.									
A&S	ENG	<b>ENG</b>	<b>4870</b>	<b>Advanced Workshop in Poetry</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	<b>ENG</b>	<b>4880</b>	<b>Advanced Workshop in Nonfiction</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4900</b>	<b>Special Topics in English</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4900</b>	<b>Special Topics in English</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4910</b>	<b>English Internship</b> ELIGIBLE GRADES: CR, F COURSE DESC: Provides qualified students with opportunity to learn through working at selected host institutions. Permission required of internship coordinator and Sr only.	FLD	FE	1 to 9	9		I	U30		0
A&S	ENG	<b>ENG</b>	<b>4911</b>	<b>Field Experience in Secondary English/Language and Composition</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	1	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4912</b>	<b>Field Experience in Secondary English/Literature</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	1	0		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4930</b>	<b>Independent Reading</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Directed individual reading and research. Permission required.	IND	EL	3	9		I	U30		0
A&S	ENG	<b>ENG</b>	<b>4930</b>	<b>Independent Reading</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Directed individual reading and research. Permission required.	IND	IS	3	9		I	U30		0
A&S	ENG	<b>ENG</b>	<b>4940</b>	<b>Research Apprenticeship in English Studies</b> ELIGIBLE GRADES: CR, F 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. Permission required.	RSC	RS	1 to 9	9		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4970T</b>	<b>Thesis Tutorial I</b> ELIGIBLE GRADES: A-F 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. Permission required.	TUT	TU	1 to 12	13		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4980T</b>	<b>Thesis Tutorial II</b> ELIGIBLE GRADES: A-F, PR 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. Permission required.	TUT	TU	1 to 12	13		N	U30		0
A&S	ENG	<b>ENG</b>	<b>4990H</b>	<b>English Departmental Honors</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Completion of individual thesis or creative writing project for B.A. with Honors in English. Permission required and Sr only.	TUT	TU	3	9		I	U30		0
A&S	ENG	<b>ENG</b>	<b>5010</b>	<b>Anglo-Saxon</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A reading course in Anglo-Saxon language and literature. Permission required.	SEM	SE	4	0		N	G50		0
A&S	ENG	<b>ENG</b>	<b>5020</b>	<b>Old English Poetry</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: An introduction to the poetry written in England between 650 and 1100. Permission required.	SEM	SE	4	0		N	G50		0
A&S	ENG	<b>ENG</b>	<b>5030</b>	<b>English Language</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Sounds, inflections, syntax, and vocabulary of English from 1000 to present. Permission required.	SEM	SE	4	0		N	G50		0

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A&S	ENG	<b>ENG</b>	<b>5040</b>	<b>American English</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces students and teachers to writing-to-learn theories, concepts, and strategies central to the teaching of writing. To familiarize teachers with how writing-to-learn strategies can work, we will begin each class by engaging in informal writing exercises. Writing-to-learn concepts allow teachers to imagine curricula where writing creates knowledge, where ties to reading, writing, and thinking lead to inquiry, and where teachers integrate critical engagement through writing with various kinds of sources, from library sources to popular culture. Teachers will apply both theory and practice in the classroom and will design assignments that promote critical inquiry. Usually for students attending the Appalachian Writing Project.									
A&S	ENG	<b>ENG</b>	<b>5090</b>	<b>Medieval English Literature</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in the works of Spenser.									
A&S	ENG	<b>ENG</b>	<b>5160</b>	<b>Teaching Oral Language</b>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Intended for secondary school English teachers. It explores the varieties of spoken English present in the secondary school classroom and pedagogical strategies that acknowledge those varieties and focuses on Appalachian English and African American English.									
A&S	ENG	<b>ENG</b>	<b>5170</b>	<b>The Works of John Milton</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in the literature of England after the restoration of the monarchy.									
A&S	ENG	<b>ENG</b>	<b>5190</b>	<b>The Literature of 18th-Century England</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in the literature of 18th-century England.									
A&S	ENG	<b>ENG</b>	<b>5210</b>	<b>Teaching Drama</b>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in English Romanticism.									

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A&S	ENG	<b>ENG</b>	<b>5240</b>	<b>The Works of William Shakespeare</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in the literature of Victorian England.									
A&S	ENG	<b>ENG</b>	<b>5260</b>	<b>19th-Century Prose</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Topics in the prose literature of 19th-century England.									
A&S	ENG	<b>ENG</b>	<b>5300</b>	<b>American Literature 1776-1865</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5310</b>	<b>Major Medieval Genre</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Introduction to critical theory.									
A&S	ENG	<b>ENG</b>	<b>5370</b>	<b>Critical Theory II</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected topics in critical theory.									
A&S	ENG	<b>ENG</b>	<b>5400</b>	<b>Studies in Comparative Literature</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Intensive study in specific critical and historical problems connected with the Romantic Period.									

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A&S	ENG	<b>ENG</b>	<b>5710</b>	<b>20th-Century American Literature</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		This course is for current writing tutors and others who want to deepen their knowledge of writing center theory and tutoring practice. The course surveys the history of the writing center movement, examines current tutoring pedagogies, and provides students with opportunities to improve their tutoring pedagogy through observation and role play. The course also examines strategies for adapting tutoring pedagogies for different client populations.									
A&S	ENG	<b>ENG</b>	<b>5880</b>	<b>Professionalization for Graduate Students in English</b>	DIS	DI	1	999		N	G50		0
		ELIGIBLE GRADES:		CR, 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>	LEC	LE	1	999		N	G50		0
		ELIGIBLE GRADES:		CR, 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>	SEM	SE	1	999		N	G50		0
		ELIGIBLE GRADES:		CR, 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>5900</b>	<b>Special Topics in English</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		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>	FLD	FE	4	0		N	G50		0
		ELIGIBLE GRADES:		CR, 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ENG	<b>ENG</b>	<b>5930</b>	<b>Independent Reading</b>	IND	IS	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5960</b>	<b>Bibliography and Methods</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5970</b>	<b>Teaching College English</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		An introduction to the teaching of undergraduate composition courses.									
A&S	ENG	<b>ENG</b>	<b>5990</b>	<b>Major Rhetorical Theories and Teaching of Composition</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>6900</b>	<b>Special Topics in English</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>6910</b>	<b>Apprenticeship in Teaching Literature</b>	FLD	FE	4	120		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Experience in teaching upper-level undergraduate literature courses in specialized areas by observing and teaching with outstanding graduate instructors.									
A&S	ENG	<b>ENG</b>	<b>6930</b>	<b>Master's Essay</b>	IND	EL	1 to 10	120		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6930</b>	<b>Master's Essay</b>	IND	IS	1 to 10	120		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	THE	TH	1 to 15	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		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>	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		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>	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Surveys the history of the essay and its varieties: familiar, literary, philosophical, critical, theoretical, and personal.									

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A&S	ENG	<b>ENG</b>	<b>6990</b>	<b>Creative Writing Workshop: Fiction</b>	SEM	SE	4	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:	Permission required			
		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>	SEM	EL	4	8		N	G50		0
		ELIGIBLE GRADES:		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>7000</b>	<b>Creative Writing Workshop: Multi-Genre</b>	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Charts the literature and historical context of Geoffrey Chaucer.									
A&S	ENG	<b>ENG</b>	<b>7110</b>	<b>The 18th-Century Novel</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Selected topics in the English Restoration.									
A&S	ENG	<b>ENG</b>	<b>7190</b>	<b>18th-Century Literature</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Selected topics in the literature of 18th-century England.									
A&S	ENG	<b>ENG</b>	<b>7230</b>	<b>Romanticism</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Selected topics in English Romanticism.									
A&S	ENG	<b>ENG</b>	<b>7240</b>	<b>Shakespeare</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Selected topics in 20th- century literature (varies based on instructor and student interest).									

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A&S	ENG	<b>ENG</b>	<b>7280</b>	<b>20th-Century Literature/Postmodernism</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR 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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		COURSE DESC:		Selected topics in American literature in the United States (varies based on instructor and student interest).									
A&S	ENG	<b>ENG</b>	<b>7300</b>	<b>American Literature 1776-1865</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>7300</b>	<b>American Literature 1776-1865</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	EL	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>7650</b>	<b>Theory of Literature</b>	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	SE	1	10		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F REQUISITE:									
		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>	SEM	SE	4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		COURSE DESC:		Selected topics in literature, theory, creative writing, and rhetoric/composition.									
A&S	ENG	<b>ENG</b>	<b>7910</b>	<b>Professional Issues in Teaching College English</b>	FLD	FE	1	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	RSC	RS	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		COURSE DESC:		Examines composition studies in the context of English Studies, specifically its the cultural and material conditions and its ideological and theoretical assumptions.									

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A&S	ENG	<b>ENG</b>	<b>7980</b>	<b>History and Theories of Composition</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to a range of empirical methods for the study of writer's products, processes, and social contexts.									
A&S	ENG	<b>ENG</b>	<b>8900</b>	<b>Special Topics in English</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>8900</b>	<b>Special Topics in English</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>ENG</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>2070</b>	<b>Humanities : Great Books Ancient through Renaissance</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>2080</b>	<b>Humanities: Post 17th- c. through Modern</b>	LEC	LE	3	0	2HL	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>2170</b>	<b>Great Books of Asia, Ancient to Present</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ENG	<b>HUM</b>	<b>2900</b>	<b>Special Topics in Humanities</b>	LEC	LE	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									



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A&S	ENG	<b>T3</b>	<b>4071</b>	<b>The Literacy Crisis: Origins and Effects</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4071</b>	<b>The Literacy Crisis: Origins and Effects</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	ENG	<b>T3</b>	<b>4110</b>	<b>Kiss Me Deadly: American Detective Fiction and Film Noir</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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> ELIGIBLE GRADES: A-F COURSE DESC: An introduction to the earth's dynamic, natural environmental systems--weather and climate, landforms, soils, ecosystems, and biomes.	LAB	LB	4	0	2NS	N	U10		0
A&S	GEOG	<b>GEOG</b>	<b>1100</b>	<b>Physical Geography</b> ELIGIBLE GRADES: A-F COURSE DESC: An introduction to the earth's dynamic, natural environmental systems--weather and climate, landforms, soils, ecosystems, and biomes.	LEC	LE	4	0	2NS	N	U10		0
A&S	GEOG	<b>GEOG</b>	<b>1200</b>	<b>Human Geography</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2SS	N	U10	CORRESPOND	0
A&S	GEOG	<b>GEOG</b>	<b>1300</b>	<b>World Regional Geography</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2SS	N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>1310</b>	<b>Globalization and the Developing World</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of globalization and its impact on development, international relations, environment and culture in developing countries around the world.	LEC	LE	3	0	2CP	N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>2320</b>	<b>Geography of Ohio</b> ELIGIBLE GRADES: A-F COURSE DESC: Detailed regional study of physical geography of Ohio and its cultural landscapes, settlement patterns, and economic development. The course examines the physical and human foundations of Ohio geography by focusing on the many natural features and circumstances that make up the physical base of the state of Ohio and the cultural and economic influences of human behavior and observe the impact of human populations on Ohio's landscape.	LEC	EL	3	0		N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>2320</b>	<b>Geography of Ohio</b> ELIGIBLE GRADES: A-F COURSE DESC: Detailed regional study of physical geography of Ohio and its cultural landscapes, settlement patterns, and economic development. The course examines the physical and human foundations of Ohio geography by focusing on the many natural features and circumstances that make up the physical base of the state of Ohio and the cultural and economic influences of human behavior and observe the impact of human populations on Ohio's landscape.	LEC	LE	3	0		N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>2400</b>	<b>Environmental Geography</b> ELIGIBLE GRADES: A-F COURSE DESC: Geographic survey of environmental changes caused by human activities. Focus on resource availability and use, pollution of air, water, and biosphere, energy problems, interactions of humans with plant and animal communities, climate change, and sustainability planning.	LEC	LE	3	0	2AS	N			0
A&S	GEOG	<b>GEOG</b>	<b>2500</b>	<b>Planning and the City</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0	2SS	N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>2500</b>	<b>Planning and the City</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2SS	N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>2680</b>	<b>Introduction to GIS and Mapping Sciences</b> ELIGIBLE GRADES: A-F 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.	LAB	EL	4	0	2AS	N	U30		0

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A&S	GEOG	<b>GEOG</b>	<b>2680</b>	<b>Introduction to GIS and Mapping Sciences</b>	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>2680</b>	<b>Introduction to GIS and Mapping Sciences</b>	LEC	EL	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>2680</b>	<b>Introduction to GIS and Mapping Sciences</b>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1200 or math placement level 2 or higher and	WARNING:	not QBA 2010 or ISE 3040 or ISE 3200 or MATH 253				
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOG	<b>GEOG</b>	<b>2900</b>	<b>Special Topics in Geography</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOG	<b>GEOG</b>	<b>2970T</b>	<b>Geography Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	GEOG 2980T and HTC						
		COURSE DESC:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	GEOG 2970T and HTC						
		COURSE DESC:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	GEOG 2971T and HTC						
		COURSE DESC:		Second-year non-thesis tutorial for students in the Honors Tutorial College									
A&S	GEOG	<b>GEOG</b>	<b>3010</b>	<b>Meteorology</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	GEOG	<b>GEOG</b>	<b>3030</b>	<b>Meteorological Observations</b>	LAB	LB	1	5		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOG 3010 or concurrent						
		COURSE DESC:		Lab experience in acquisition, measurement, and interpretation of meteorological parameters.									
A&S	GEOG	<b>GEOG</b>	<b>3040</b>	<b>Practicum in Meteorology and Forecasting</b>	LAB	LB	1	5		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOG 3030 or 304						
		COURSE DESC:		Lab experience in preparation and dissemination of meteorological forecasts.									
A&S	GEOG	<b>GEOG</b>	<b>3050</b>	<b>Physical Meteorology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	GEOG 3010 and MATH 2301 and PHYS 2051						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3160</b>	<b>Biogeography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>American Ethnic Geography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOG 1200						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in GEOG and (Jr or Sr)						
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	<b>GEOG</b>	<b>3220</b>	<b>Geography of Religious Space and Place</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOG 1200						
		COURSE DESC:		Systematic examination of basic approaches, historical development, special problems, and spatial concepts in political geography.									
A&S	GEOG	<b>GEOG</b>	<b>3260</b>	<b>Urban Geography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in GEOG 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.									
A&S	GEOG	<b>GEOG</b>	<b>3270</b>	<b>Social Geographies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOG 1200 or WGS 1000						
		COURSE DESC:		Geographic analysis of social relations, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									
A&S	GEOG	<b>GEOG</b>	<b>3290</b>	<b>World Economic Geography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1000 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.									

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A&S	GEOG	<b>GEOG</b>	<b>3300</b>	<b>Geography of Europe</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or higher and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1100) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or higher and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1100) Course examines physical and human geographies of Africa as well as geographic approaches to human-environment interactions. Topics include sustainable resource use, health and development, rural livelihood systems, roots of conflict and Africa in the world economy.									
A&S	GEOG	<b>GEOG</b>	<b>3330</b>	<b>Appalachia: Land and People</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400) 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>3330</b>	<b>Appalachia: Land and People</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or HIST 2000) Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	<b>GEOG</b>	<b>3340</b>	<b>Historical Geography of the United States</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or HIST 2000) Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.									
A&S	GEOG	<b>GEOG</b>	<b>3350</b>	<b>Geography of Latin America</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or INST 1600) Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.									
A&S	GEOG	<b>GEOG</b>	<b>3380</b>	<b>Geography of Asia</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (GEOG 1100 or GEOG 1200 or GEOG 1310 or GEOG 2400 or HIST 2460) Examines the Asian region with emphasis on intra-regional economic integration through trade, investment and labor migration flows and on inter-regional relations with other parts of the world through colonialism, political engagement and globalization. Studies issues of economic development, regional bloc, Cold War conflicts, nationalism, and urbanization in Asia.									
A&S	GEOG	<b>GEOG</b>	<b>3400</b>	<b>Geography of Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or 1310 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or 1310 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1400 Refines understanding of major global environmental issues. Raises important issues of scale and the role of institutions, individuals, and communities in responding to environmental challenges. Recognizes that environmental problems are never merely environmental, but also political, economic and socio-cultural.									
A&S	GEOG	<b>GEOG</b>	<b>3440</b>	<b>Agricultural Ecosystems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr) Systematic analysis of agricultural systems. Emphasis is placed on contemporary agricultural systems, including their place in the global economy, and impacts on the environment. Examines the globalization of agriculture and agro-biotechnology.									
A&S	GEOG	<b>GEOG</b>	<b>3460</b>	<b>Environmental Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or 1400 Legal aspects of both individual environmental and societal environmental rights and duties with respect to constitution, private property, nuisance, negligence, statutes, regulatory agencies, and court decisions. Emphasis on case study of federal, state, and local laws that shaped existing law and those that are likely to shape future legislative and administrative action.									

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A&S	GEOG	<b>GEOG</b>	<b>3500</b>	<b>Land Use Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr) Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	<b>GEOG</b>	<b>3600</b>	<b>Cartography I</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 2680 Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	<b>GEOG</b>	<b>3600</b>	<b>Cartography I</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 2680 Introduction to digital cartographic design and cartographic visualization. Theory and practice of map design developed in weekly lectures and lab.									
A&S	GEOG	<b>GEOG</b>	<b>3610</b>	<b>Cartography II</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730 Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	<b>GEOG</b>	<b>3610</b>	<b>Cartography II</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730 Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	<b>GEOG</b>	<b>3610</b>	<b>Cartography II</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 3600 or 4730 Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									
A&S	GEOG	<b>GEOG</b>	<b>3650</b>	<b>Air Photo Interpretation</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr) Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	<b>GEOG</b>	<b>3650</b>	<b>Air Photo Interpretation</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr) Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	<b>GEOG</b>	<b>3650</b>	<b>Air Photo Interpretation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1100 and (Jr or Sr) Principles, techniques, and practice in visual interpretation of, and making measurements from, aerial photographs. For geographers, geologists, military, community planners, resource managers, engineers.									
A&S	GEOG	<b>GEOG</b>	<b>3790</b>	<b>Geographical Analysis of Telecommunication Systems</b>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and 2680 This course encourages students to consider the technical, socioeconomic, business, and policy aspects of telecommunications technologies, particularly from a geographic perspective. It 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.									
A&S	GEOG	<b>GEOG</b>	<b>3790</b>	<b>Geographical Analysis of Telecommunication Systems</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and 2680 This course encourages students to consider the technical, socioeconomic, business, and policy aspects of telecommunications technologies, particularly from a geographic perspective. It 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.									
A&S	GEOG	<b>GEOG</b>	<b>3970T</b>	<b>Geography Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: GEOG 2981T and HTC Third-year non-thesis tutorial for students in the Honors Tutorial College									

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A&S	GEOG	<b>GEOG</b>	<b>3980T</b>	<b>Geography Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR			REQUISITE: GEOG 3970T and HTC						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	GEOG	<b>GEOG</b>	<b>4060</b>	<b>Synoptic Meteorology</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR			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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR			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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F, PR			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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F, PR			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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4110</b>	<b>Advanced Physical Geography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: (Jr or Sr) and (GEOG 1100 or PBIO 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.									

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A&S	GEOG	<b>GEOG</b>	<b>4280</b>	<b>Community Geography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 hours in GEOG and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1200 or 1310 or WGS 1000 and (Jr or Sr) Explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies from Africa, USA, Latin America, and Asia. Topics include gendered access to resources, health and inequality, men and masculinities, the body and the environment, non-governmental organizations, and grass root organizing.									
A&S	GEOG	<b>GEOG</b>	<b>4470</b>	<b>Natural Resource Conservation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 1400 and (Jr or Sr) Themes in American environmental history, resource conservation and management, and contemporary environmentalism.									
A&S	GEOG	<b>GEOG</b>	<b>4480</b>	<b>Migration and Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (GEOG 1200 or 1310 or 3210 or SOC 1000) and (Jr or Sr) Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	<b>GEOG</b>	<b>4520</b>	<b>Environmental and Sustainability Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 3500 and Warning: No credit for both this course and the following (always deduct credit for first course taken): GEOG 3530 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr) 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 City and the Environment</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (GEOG 1200 or 1400) and (Jr or Sr) Examination of historical and present-day environmental impacts of urban and suburban expansion in a North American context.									
A&S	GEOG	<b>GEOG</b>	<b>4560</b>	<b>The City and the Environment</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (GEOG 1200 or 1400) and (Jr or Sr) Examination of historical and present-day environmental impacts of urban and suburban expansion in a North American context.									
A&S	GEOG	<b>GEOG</b>	<b>4660</b>	<b>Principles of Remote Sensing</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr) 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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr) 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 2680 and (Jr or Sr) 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 4660 and (Jr or Sr) In depth examination of advanced remote sensing methodologies and applications including object oriented image processing, hyper-spectral analysis, soft image classification, and sensor fusion, focused on their use in the environmental geosciences.									



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A&S	GEOG	<b>GEOG</b>	<b>4670</b>	<b>Advanced Remote Sensing</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 4660 and (Jr or Sr) 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 4660 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 2710 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in GEOG and (Jr or Sr) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 2710 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 2710 and (Jr or Sr) 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>4730</b>	<b>Principles of GIS</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	GEOG	<b>GEOG</b>	<b>4750</b>	<b>GIS and Landscape Analysis</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>4800</b>	<b>Capstone Experience in Geography</b>	LEC	LE	3	0	3	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG major and Sr only Capstone course that encourages the implementation of acquired knowledge from previous course work. Involves an examination and application of topics relating to the history and philosophy of geographic thought.									
A&S	GEOG	<b>GEOG</b>	<b>4900</b>	<b>Special Topics in Geography</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG major or minor Special topics in Geography.									
A&S	GEOG	<b>GEOG</b>	<b>4900</b>	<b>Special Topics in Geography</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG major or minor Special topics in Geography.									
A&S	GEOG	<b>GEOG</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 12	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and GEOG major and (Jr or Sr) 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	IS	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 12 hours in GEOG and permission required 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.									

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A&S	GEOG	<b>GEOG</b>	<b>4941</b>	<b>Research Experience in Physical Geography</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4942</b>	<b>Research Experience in Environmental Geography</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4943</b>	<b>Research Experience in Geographic Information Science</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4944</b>	<b>Research Experience in Meteorology/Climatology</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4945</b>	<b>Research Experience in Urban Planning</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4946</b>	<b>Research Experience in Globalization and Development</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized and directed research under supervision of faculty member. Students select topics or are directed into possible research areas of interest to both the student and faculty member. Student must discuss the research plan with the faculty member before receiving permission to enroll. Scholarship experience typically entails familiarization with relevant literature, research methods, and analysis. Experience culminates in presentation of results in poster format.	RSC	RS	1 to 3	6		I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4970T</b>	<b>Geography Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Fourth-year thesis tutorial for students in the Honors Tutorial College	TUT	TU	1 to 12	12		N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4980T</b>	<b>Geography Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Fourth-year thesis tutorial for students in the Honors Tutorial College	TUT	TU	1 to 12	12		N	U30		0
A&S	GEOG	<b>GEOG</b>	<b>4990H</b>	<b>Honors in Geography</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This course requires qualified Geography seniors to write an honors thesis, which involves a substantial amount of reading, research and writing, a synthesis of various fields of geographical knowledge, and a mixed use of research tools and methods, including maps, spatial statistics, GIScience, field research, and personal interviews.	TUT	TU	3	6	3	I	U30		0
A&S	GEOG	<b>GEOG</b>	<b>5000</b>	<b>Geographic Research and Writing</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This seminar is designed to provide students a general background of the discipline of geography through its various theoretical progressions and teach them how to conduct research and writing with these developments in mind.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5000</b>	<b>Geographic Research and Writing</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This seminar is designed to provide students a general background of the discipline of geography through its various theoretical progressions and teach them how to conduct research and writing with these developments in mind.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5010</b>	<b>Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.	LAB	LB	4	0		N	G40		0

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A&S	GEOG	<b>GEOG</b>	<b>5010</b>	<b>Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5010</b>	<b>Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: General survey of meteorology with a focus on physical principles explaining weather change. No credit if GEOG 2020.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Exchanges of energy and moisture and their significance to human utilization of the Earth's surface.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5030</b>	<b>Meteorological Observations</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Lab experience in acquisition, measurement, and interpretation of meteorological parameters.	LAB	LB	1	4		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5035</b>	<b>Introduction to Meteorological Radar Systems, Observations, and Techniques</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5035</b>	<b>Introduction to Meteorological Radar Systems, Observations, and Techniques</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5040</b>	<b>Practicum in Meteorology and Forecasting</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Lab experience in preparation and dissemination of meteorological forecasts.	LAB	LB	1	4		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5050</b>	<b>Physical Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: This course is a survey of atmospheric physics, with a focus on radiation balances, radiative transfer, cloud microphysics, and boundary layer meteorology.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5050</b>	<b>Physical Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: This course is a survey of atmospheric physics, with a focus on radiation balances, radiative transfer, cloud microphysics, and boundary layer meteorology.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	LEC	LE	4	0		N	G40		0

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A&S	GEOG	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: An examination of severe and unusual weather, mesoscale meteorology, atmospheric stability, and radar meteorology.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5080</b>	<b>Dynamic Meteorology I</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5080</b>	<b>Dynamic Meteorology I</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5090</b>	<b>Dynamic Meteorology II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5090</b>	<b>Dynamic Meteorology II</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5110</b>	<b>Advanced Physical Geography</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: A topics course of focused study on a specific physical geographic theme.	LEC	EL	4	8		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5110</b>	<b>Advanced Physical Geography</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: A topics course of focused study on a specific physical geographic theme.	LEC	LE	4	8		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5110</b>	<b>Advanced Physical Geography</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: A topics course of focused study on a specific physical geographic theme.	RSC	RS	4	8		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5130</b>	<b>Arid Lands Physical Geography</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5130</b>	<b>Arid Lands Physical Geography</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5150</b>	<b>Landforms and Landscapes</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5150</b>	<b>Landforms and Landscapes</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0

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A&S	GEOG	<b>GEOG</b>	<b>5160</b>	<b>Biogeography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5200</b>	<b>American Ethnic Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic and thematic survey of spatial and cultural patterns associated with ethnicity and ethnic groups in the United States. Emphasis on historical and spatial patterns of immigration, the experience of ethnic groups in American plural society, and ethnic contributions to American life.									
A&S	GEOG	<b>GEOG</b>	<b>5200</b>	<b>American Ethnic Geography</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic and thematic survey of spatial and cultural patterns associated with ethnicity and ethnic groups in the United States. Emphasis on historical and spatial patterns of immigration, the experience of ethnic groups in American plural society, and ethnic contributions to American life.									
A&S	GEOG	<b>GEOG</b>	<b>5210</b>	<b>Population Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	<b>GEOG</b>	<b>5210</b>	<b>Population Geography</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Survey of global population concerns emphasizing contemporary patterns of population change, fertility, international migration, and the impact of these on the environment and economic resources. Examines critiques (feminist/equity) of population change as a development problem.									
A&S	GEOG	<b>GEOG</b>	<b>5220</b>	<b>Geography of Religious Space and Place</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic and regional survey of religious cultural landscapes of the world in comparative perspective. Emphasis on religion as a cornerstone of culture and its manifestations in the cultural landscape. Focus on sacred space and place, pilgrimage, and holy sites in selected religious belief systems.									
A&S	GEOG	<b>GEOG</b>	<b>5220</b>	<b>Geography of Religious Space and Place</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic and regional survey of religious cultural landscapes of the world in comparative perspective. Emphasis on religion as a cornerstone of culture and its manifestations in the cultural landscape. Focus on sacred space and place, pilgrimage, and holy sites in selected religious belief systems.									
A&S	GEOG	<b>GEOG</b>	<b>5250</b>	<b>Political Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic examination of basic approaches, historical development, special problems, and spatial concepts in political geography.									
A&S	GEOG	<b>GEOG</b>	<b>5250</b>	<b>Political Geography</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Systematic examination of basic approaches, historical development, special problems, and spatial concepts in political geography.									
A&S	GEOG	<b>GEOG</b>	<b>5260</b>	<b>Urban Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Geographical survey of the processes and forms of urban settlements. Examines urban origin, urban system, urban spatial structure, suburbanization, urban planning, (de)industrialization, inner-city decline, gentrification, entrepreneurial politics, cultural economy and globalization.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	<b>GEOG</b>	<b>5260</b>	<b>Urban Geography</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Geographical survey of the processes and forms of urban settlements. Examines urban origin, urban system, urban spatial structure, suburbanization, urban planning, (de)industrialization, inner-city decline, gentrification, entrepreneurial politics, cultural economy and globalization.									
A&S	GEOG	<b>GEOG</b>	<b>5270</b>	<b>Social Geographies</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Geographic analysis of social relation, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									
A&S	GEOG	<b>GEOG</b>	<b>5270</b>	<b>Social Geographies</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Geographic analysis of social relation, social identities, and social inequalities. Examines the geography of social justice from the perspective of distinct groups (including race, gender, class, and sexuality) and as it relates to various geographic themes, particularly concerning the environment, urban geography, and employment.									
A&S	GEOG	<b>GEOG</b>	<b>5280</b>	<b>Community Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Knowing the geography of one's community, from the distribution of parks and schools to the location of healthcare and social services providers to the assessment of walkable downtowns and neighborhoods, is a hallmark of an engaged citizenry. Community Geography examines a variety of place-based challenges and opportunities that are found within and between communities through the lens of geo-spatial analysis. It engages students in real ways through documenting, evaluating and mapping the community they live in and care about. University-community partnerships are built from the bottom up around social issues such as income inequalities, food insecurity, educational disparities, limited access to transportation and healthcare, and more.									
				This course offers a unique combination of collaborative mapping, spatial understanding of community issues, and interaction with and participation in the community from the bottom up, as engaged members of the Athens community. Students will be introduced to real-world problems and best practices, and encouraged to explore creative solutions. Community geography helps students better understand the spatial nature of these issues, how to evaluate both local and global forces which transform communities, and assists them with evaluating actionable solutions which promote sustainability at the local level. This course is designed to engage students with the Athens area, to build collaboration between students, residents and community groups, and to develop marketable skills and expand student awareness of community issues.									
A&S	GEOG	<b>GEOG</b>	<b>5290</b>	<b>World Economic Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Geographic survey of the capitalist world economy. Examines the rise and fall of great economic powers, (under)development in the periphery, global economic restructuring, regional blocs, multinational firms and national governments.									
A&S	GEOG	<b>GEOG</b>	<b>5290</b>	<b>World Economic Geography</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Geographic survey of the capitalist world economy. Examines the rise and fall of great economic powers, (under)development in the periphery, global economic restructuring, regional blocs, multinational firms and national governments.									
A&S	GEOG	<b>GEOG</b>	<b>5300</b>	<b>Geography of Europe</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.									
A&S	GEOG	<b>GEOG</b>	<b>5300</b>	<b>Geography of Europe</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Topical survey of Europe with emphasis on the geographic and cultural historical factors that influenced landscape and regional patterns in the past and today.									
A&S	GEOG	<b>GEOG</b>	<b>5310</b>	<b>Geography of Africa</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Course examines physical and human geographies of Africa as well as geographic approaches to human-environment interactions. Topics include sustainable resource use, health and development, rural livelihood systems, roots of conflict and Africa in the world economy.									
A&S	GEOG	<b>GEOG</b>	<b>5310</b>	<b>Geography of Africa</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Course examines physical and human geographies of Africa as well as geographic approaches to human-environment interactions. Topics include sustainable resource use, health and development, rural livelihood systems, roots of conflict and Africa in the world economy.									
A&S	GEOG	<b>GEOG</b>	<b>5330</b>	<b>Appalachia: Land and People</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Topical and regional survey of Appalachia with emphasis on settlement and expansion, land ownership and speculation, society and culture, and the impacts of natural resource extraction.									

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A&S	GEOG	<b>GEOG</b>	<b>5330</b>	<b>Appalachia: Land and People</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5330</b>	<b>Appalachia: Land and People</b> ELIGIBLE GRADES: A-F, PR 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5340</b>	<b>Historical Geography of the United States</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.	LEC	EL	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5340</b>	<b>Historical Geography of the United States</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5340</b>	<b>Historical Geography of the United States</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Systematic and regional survey of past human geographies of the area that became the United States from 1450 until the present. Focus on the development of regional identity over time and space, and manifestations of regional identity in the cultural landscape.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5350</b>	<b>Geography of Latin America</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5350</b>	<b>Geography of Latin America</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Regional survey of Latin America focusing on biophysical systems, rural development, population/migration, cultural geography and economic development.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5380</b>	<b>Geography of Asia</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5380</b>	<b>Geography of Asia</b> ELIGIBLE GRADES: A-F, PR 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5400</b>	<b>Geography of Development</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5400</b>	<b>Geography of Development</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5410</b>	<b>Geography of Hunger and Food Security</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5410</b>	<b>Geography of Hunger and Food Security</b> ELIGIBLE GRADES: A-F, PR 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.	RSC	RS	4	0		N	G40		0



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A&S	GEOG	<b>GEOG</b>	<b>5440</b>	<b>Agricultural Ecosystems</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies from Africa, USA, Latin America, and Asia. Topics include gendered access to resources, health and inequality, men and masculinities, the body and the environment, non-governmental organizations, and grass root organizing.									
A&S	GEOG	<b>GEOG</b>	<b>5450</b>	<b>Gender, Environment, and Development</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Explores frameworks linking gender and the environment and examines how they have influenced the practice of development in various geographic contexts. Case studies from Africa, USA, Latin America, and Asia. Topics include gendered access to resources, health and inequality, men and masculinities, the body and the environment, non-governmental organizations, and grass root organizing.									
A&S	GEOG	<b>GEOG</b>	<b>5460</b>	<b>Environmental Law</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	<b>GEOG</b>	<b>5480</b>	<b>Migration and Development</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Examines migration theory, global and domestic patterns of human migration, and their implications for the environment and development. It will focus on geographic approaches to understanding the causes and development consequences of migration, including transnational and return migration.									
A&S	GEOG	<b>GEOG</b>	<b>5500</b>	<b>Land Use Planning</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Fundamentals of land use planning are explored. Examines traditional and innovative approaches to land use planning and its influence on the physical forms of our cities and environment, community development, human health, growth management, and sustainability. Reviews land-use planning tools and techniques utilized at the local, regional, and state level of government including plan-making processes, zoning, subdivision regulations, environmental management, smart growth, urban design, and land-use suitability.									

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A&S	GEOG	<b>GEOG</b>	<b>5500</b>	<b>Land Use Planning</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Warning: No credit for both this course and the following (always deduct credit for first course taken):GEOG 5530 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Warning: No credit for both this course and the following (always deduct credit for first course taken):GEOG 5530 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores the development of planning concepts, theory, and practice. It introduces urban and regional planning in the U.S. through its historical and contemporary contexts. Examines the social, economic, political, cultural, and technological factors that influence human landscapes and the profession of planning.									
A&S	GEOG	<b>GEOG</b>	<b>5550</b>	<b>History of Planning</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores the development of planning concepts, theory, and practice. It introduces urban and regional planning in the U.S. through its historical and contemporary contexts. Examines the social, economic, political, cultural, and technological factors that influence human landscapes and the profession of planning.									
A&S	GEOG	<b>GEOG</b>	<b>5560</b>	<b>The City and the Environment</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examination of historical and present-day environmental impacts of urban and suburban expansion in a North American context.									
A&S	GEOG	<b>GEOG</b>	<b>5560</b>	<b>The City and the Environment</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examination of historical and present-day environmental impacts of urban and suburban expansion in a North American context.									
A&S	GEOG	<b>GEOG</b>	<b>5580</b>	<b>Environmental Hazards</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	<b>GEOG</b>	<b>5580</b>	<b>Environmental Hazards</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Systematic introduction to the concepts, problems, and methods that guide the identification and assessment of environmental risk with emphasis on natural hazards and their geophysical dimensions.									
A&S	GEOG	<b>GEOG</b>	<b>5600</b>	<b>Cartography I</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to dynamic digital cartographic design. Theory and practice of geovisualization through animated and interactive maps developed in weekly readings, discussion, exercises, and final project.									

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A&S	GEOG	<b>GEOG</b>	<b>5610</b>	<b>Cartography II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5610</b>	<b>Cartography II</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5710</b>	<b>Quantitative Methods in Geography</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
A&S	GEOG	<b>GEOG</b>	<b>5710</b>	<b>Quantitative Methods in Geography</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	4	0		N	G40		0

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A&S	GEOG	<b>GEOG</b>	<b>5711</b>	<b>Qualitative Methods in Geography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5730</b>	<b>Principles of GIS</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Systematic introduction to the procedures and techniques that guide the design, implementation, and application of geographic information systems. Complex GIS based problem solving exercises will reinforce theoretically challenging concepts.									
A&S	GEOG	<b>GEOG</b>	<b>5730</b>	<b>Principles of GIS</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Systematic introduction to the procedures and techniques that guide the design, implementation, and application of geographic information systems. Complex GIS based problem solving exercises will reinforce theoretically challenging concepts.									
A&S	GEOG	<b>GEOG</b>	<b>5730</b>	<b>Principles of GIS</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Systematic introduction to the procedures and techniques that guide the design, implementation, and application of geographic information systems. Complex GIS based problem solving exercises will reinforce theoretically challenging concepts.									
A&S	GEOG	<b>GEOG</b>	<b>5731</b>	<b>Geographic Information Systems Applications</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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.									

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A&S	GEOG	<b>GEOG</b>	<b>5740</b>	<b>GIS Design and Application Development</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 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>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 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>Geographic Information Analysis</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 In-depth examination of the methods of spatial data analysis and the utilization of GIS in analyzing geospatial information. Emphasis on explicit consideration of uncertainty in spatial data analysis and multicriteria decision making.									
A&S	GEOG	<b>GEOG</b>	<b>5760</b>	<b>Geographic Information Analysis</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 In-depth examination of the methods of spatial data analysis and the utilization of GIS in analyzing geospatial information. Emphasis on explicit consideration of uncertainty in spatial data analysis and multicriteria decision making.									
A&S	GEOG	<b>GEOG</b>	<b>5760</b>	<b>Geographic Information Analysis</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: GEOG 5730 In-depth examination of the methods of spatial data analysis and the utilization of GIS in analyzing geospatial information. Emphasis on explicit consideration of uncertainty in spatial data analysis and multicriteria decision making.									
A&S	GEOG	<b>GEOG</b>	<b>5770</b>	<b>Advanced Topics in Geoinformatics</b>	LAB	LB	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>5790</b>	<b>Geographical Analysis of Telecommunication Systems</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: This course encourages students to consider the technical, socioeconomic, business, and policy aspects of telecommunications technologies, particularly from a geographic perspective. It 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.									
A&S	GEOG	<b>GEOG</b>	<b>5790</b>	<b>Geographical Analysis of Telecommunication Systems</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: This course encourages students to consider the technical, socioeconomic, business, and policy aspects of telecommunications technologies, particularly from a geographic perspective. It 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.									

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A&S	GEOG	<b>GEOG</b>	<b>5790</b>	<b>Geographical Analysis of Telecommunication Systems</b>	RSC	RS	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		This course encourages students to consider the technical, socioeconomic, business, and policy aspects of telecommunications technologies, particularly from a geographic perspective. It 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.									
A&S	GEOG	<b>GEOG</b>	<b>5900</b>	<b>Special Topics in Geography</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Special topics in Geography.									
A&S	GEOG	<b>GEOG</b>	<b>5900</b>	<b>Special Topics in Geography</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Special topics in Geography.									
A&S	GEOG	<b>GEOG</b>	<b>5910</b>	<b>Internship</b>	FLD	FE	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Provides qualifying students with credit for work-study experience in GIS, cartography, remote sensing, land-use planning, resource management, and other fields of applied geography. Supervised by geography faculty and evaluated by on-the-job supervisor.									
A&S	GEOG	<b>GEOG</b>	<b>5911</b>	<b>Colloquium in Geography</b>	SEM	SE	1	6		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Colloquium contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6000</b>	<b>Seminar in Geography</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6000</b>	<b>Seminar in Geography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6010</b>	<b>Seminar in Meteorology</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6010</b>	<b>Seminar in Meteorology</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6150</b>	<b>Seminar in Geomorphology</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Advanced topics and readings in biogeography.									
A&S	GEOG	<b>GEOG</b>	<b>6160</b>	<b>Seminar in Biogeography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Advanced topics and readings in biogeography.									
A&S	GEOG	<b>GEOG</b>	<b>6210</b>	<b>Seminar in Population Geography</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6210</b>	<b>Seminar in Population Geography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6220</b>	<b>Seminar in Historical Geography</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Seminar contents vary.									

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A&S	GEOG	<b>GEOG</b>	<b>6220</b>	<b>Seminar in Historical Geography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6250</b>	<b>Seminar in Political Geography</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6250</b>	<b>Seminar in Political Geography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6260</b>	<b>Seminar in Urban Geography</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6290</b>	<b>Seminar in Economic Geography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6310</b>	<b>Seminar in Regional Geography: Africa</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6350</b>	<b>Seminar in Regional Geography: Latin America</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6380</b>	<b>Seminar in Regional Geography: Asia</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6380</b>	<b>Seminar in Regional Geography: Asia</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6410</b>	<b>Seminar in Development: Environment and Development</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6410</b>	<b>Seminar in Development: Environment and Development</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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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A&S	GEOG	<b>GEOG</b>	<b>6420</b>	<b>Seminar in Development: Theories of Development</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6470</b>	<b>Seminar in Resource Management</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6500</b>	<b>Seminar in Environmental Justice</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6600</b>	<b>Seminar in Cartography</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6730</b>	<b>Seminar in GIScience</b>	RSC	RS	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6730</b>	<b>Seminar in GIScience</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6900</b>	<b>Special Topics in Geography</b>	RSC	RS	4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	GEOG	<b>GEOG</b>	<b>6900</b>	<b>Special Topics in Geography</b>	SEM	SE	4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									



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A&S	GEOG	<b>GEOG</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 12	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	THE	TH	1 to 12	996		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Master thesis hours.									
A&S	GEOG	<b>T3</b>	<b>4080</b>	<b>Environmentalism in America</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4080</b>	<b>Environmentalism in America</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the forces affecting our planet's surface and interior features. Topics include the origins of volcanoes, earthquakes, and mountain belts along with the ways they impact people's lives. Topics also include the roles of landslides and streams in shaping the Earth's surface, and the formation of earth materials and mineral resources. Intended for both science and nonscience majors seeking a nontechnical overview of the Earth's always changing and sometimes dramatic geology.									
A&S	GEOL	<b>GEOL</b>	<b>1010</b>	<b>How The Earth Works</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the forces affecting our planet's surface and interior features. Topics include the origins of volcanoes, earthquakes, and mountain belts along with the ways they impact people's lives. Topics also include the roles of landslides and streams in shaping the Earth's surface, and the formation of earth materials and mineral resources. Intended for both science and nonscience majors seeking a nontechnical overview of the Earth's always changing and sometimes dramatic geology.									
A&S	GEOL	<b>GEOL</b>	<b>1200</b>	<b>The Mobile Earth</b>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the systematics, anatomy, physiology, ecology, evolution, and extinction of dinosaurs and other Mesozoic life, as well as a review of the science of paleontology and basic Earth history during the Mesozoic including climate, geography, tectonics, mass extinctions, and other major geologic events. The course will begin with an introduction to the sciences of paleontology and geology including an overview of the theories of plate tectonics and evolution, geologic time, relative and absolute age dating, and the fossil record. The history of the science of paleontology will also be explored as well as the different methods and techniques employed by modern paleontologists to ask and answer scientific questions about ancient life including dinosaurs. Topics will then focus on the physical, biological, and chemical conditions of the Mesozoic world and a general introduction to dinosaurs including their classification, anatomy, physiology, and behavior. Three major groups of dinosaurs will be discussed in detail, the Ornithischia, Sauropoda, and Therapoda in addition to other major components of Mesozoic ecosystems including marine reptiles, pterosaurs, mammals, insects, and plants. The course will conclude with an overview of the evolution of terrestrial and marine ecosystems during the Mesozoic and the causes and effects of the end Cretaceous mass extinction.									
A&S	GEOL	<b>GEOL</b>	<b>1400</b>	<b>Dinosaurs and the Mesozoic</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the systematics, anatomy, physiology, ecology, evolution, and extinction of dinosaurs and other Mesozoic life, as well as a review of the science of paleontology and basic Earth history during the Mesozoic including climate, geography, tectonics, mass extinctions, and other major geologic events. The course will begin with an introduction to the sciences of paleontology and geology including an overview of the theories of plate tectonics and evolution, geologic time, relative and absolute age dating, and the fossil record. The history of the science of paleontology will also be explored as well as the different methods and techniques employed by modern paleontologists to ask and answer scientific questions about ancient life including dinosaurs. Topics will then focus on the physical, biological, and chemical conditions of the Mesozoic world and a general introduction to dinosaurs including their classification, anatomy, physiology, and behavior. Three major groups of dinosaurs will be discussed in detail, the Ornithischia, Sauropoda, and Therapoda in addition to other major components of Mesozoic ecosystems including marine reptiles, pterosaurs, mammals, insects, and plants. The course will conclude with an overview of the evolution of terrestrial and marine ecosystems during the Mesozoic and the causes and effects of the end Cretaceous mass extinction.									
A&S	GEOL	<b>GEOL</b>	<b>1700</b>	<b>Metal, Stone, Energy, and Society</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		(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 Laboratory covering mineral and rock identification, topographic and geologic map reading, and geologic time for students planning to major or minor in the geological sciences.									

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A&S	GEOL	<b>GEOL</b>	<b>2080</b>	<b>Geology of the Solar System</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of physical, chemical, biological, and geological aspects of oceanography.									
A&S	GEOL	<b>GEOL</b>	<b>2150</b>	<b>Environmental Geology</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sustainability of water resources is complicated because groundwater and surface water are connected, and the use of water resources should be in a manner that can be maintained for an indefinite time without causing unacceptable environmental, economic, or social consequences. The course emphasizes the importance of water resources and its sustainable development in the 21st Century. Students will learn fundamental concepts and theories related to the occurrence, movement, storage, quality, and sustainability of water resources. They will also be exposed to real-world issues of water resources sustainability, e.g., water risks, contamination, remediation, health, economics and disputes;the water-energy nexus water security; and efforts to improve sustainability of water resources.									
A&S	GEOL	<b>GEOL</b>	<b>2170</b>	<b>Water Resources and Sustainability</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sustainability of water resources is complicated because groundwater and surface water are connected, and the use of water resources should be in a manner that can be maintained for an indefinite time without causing unacceptable environmental, economic, or social consequences. The course emphasizes the importance of water resources and its sustainable development in the 21st Century. Students will learn fundamental concepts and theories related to the occurrence, movement, storage, quality, and sustainability of water resources. They will also be exposed to real-world issues of water resources sustainability, e.g., water risks, contamination, remediation, health, economics and disputes;the water-energy nexus water security; and efforts to improve sustainability of water resources.									
A&S	GEOL	<b>GEOL</b>	<b>2210</b>	<b>Earth and Life History</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A nontechnical survey exploring the 4.5 billion-year history of the interaction between life and the environment. Topics include the origin of the Earth, the origin and development of life, the origin and evolution of the continents, the history of the atmosphere and ocean, catastrophic extinctions, and the impact of human evolution.									
A&S	GEOL	<b>GEOL</b>	<b>2310</b>	<b>Water and Pollution</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The interrelationship between geologic and hydrologic principles and technology as they relate to the use of water resources and the environmental problems associated with its pollution.									
A&S	GEOL	<b>GEOL</b>	<b>2550</b>	<b>Historical Geology</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOL 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WARNING: No credit for this course if taken after the following: GEOL 1010						
		COURSE DESC:		Geologic principles applied to engineering projects and materials.									
A&S	GEOL	<b>GEOL</b>	<b>2830</b>	<b>Geology for Engineers</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WARNING: No credit for this course if taken after the following: GEOL 1010						
		COURSE DESC:		Geologic principles applied to engineering projects and materials.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	<b>GEOL</b>	<b>2900</b>	<b>Special Topics in Geological Sciences</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>2900</b>	<b>Special Topics in Geological Sciences</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>2970T</b>	<b>Geological Sciences Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GEOL 2980T and HTC						
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.									
A&S	GEOL	<b>GEOL</b>	<b>3050</b>	<b>Statistical Methods in Geology</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	1J	N	U30		70
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

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

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A&S	GEOL	<b>GEOL</b>	<b>4280</b>	<b>Physical Geochemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	GEOL	<b>GEOL</b>	<b>4320</b>	<b>Origin and Classification of Soils</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3300 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3300 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>Fluvial Geomorphology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOG 3150 or GEOL 3300 Study of stream processes and human interactions with rivers, including the qualitative and quantitative techniques used to study natural and disturbed streams as presented in lecture and field settings.									
A&S	GEOL	<b>GEOL</b>	<b>4430</b>	<b>Paleobiogeography</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 or 3500 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 or 3500 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>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 and (PHYS 2001 or 2051) 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 and (PHYS 2001 or 2051) Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	<b>GEOL</b>	<b>4480</b>	<b>Paleocology</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	<b>GEOL</b>	<b>4480</b>	<b>Paleocology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3400 Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	<b>GEOL</b>	<b>4510</b>	<b>Diagenesis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 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.									

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



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A&S	GEOL	<b>GEOL</b>	<b>4670</b>	<b>Tectonophysics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (CHEM 1220 or 1520) and (GEOL 1010 or 2020) and Sr 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ANTH 4470 or BIOS 3640 or CHEM 4310 or GEOL 3500 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ANTH 4470 or BIOS 3640 or CHEM 4310 or GEOL 3500 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>4760</b>	<b>Subsurface Methods</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 3500 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (GEOL 1010 or 2020 or 2830) and (MATH 1300 or 2301) and (PHYS 2001 or 2051) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (GEOL 1010 or 2020 or 2830) and (MATH 1300 or 2301) and (PHYS 2001 or 2051) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 4800 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 4800 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>	LAB	LB	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Introduction to collection, analysis, and interpretation of hydrological field data.									
A&S	GEOL	<b>GEOL</b>	<b>4850</b>	<b>Introduction to Applied Geophysics</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2002 or 2052 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2002 or 2052 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 4850 Field methods and analysis techniques for seismic characterization of shallow subsurface, multichannel digital data acquisition, generalized reciprocal refraction, and common offset refraction techniques as practiced in environmental and geotechnical industries.									
A&S	GEOL	<b>GEOL</b>	<b>4890</b>	<b>Advanced Topics in Hydrogeology</b>	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GEOL 4800 In-depth study of an advanced or current topic in hydrogeology, exploring, but not limited to, such areas as karst hydrogeology, fracture flow hydrology, mine hydrology, unsaturated flow, and inverse modeling.									

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A&S	GEOL	<b>GEOL</b>	<b>4900</b>	<b>Special Topics in Geological Sciences</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>4900</b>	<b>Special Topics in Geological Sciences</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>4901</b>	<b>Geologic Studies</b>	LEC	LE	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Permission required Individual or small group independent study arranged with faculty members.									
A&S	GEOL	<b>GEOL</b>	<b>4901</b>	<b>Geologic Studies</b>	TUT	TU	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Permission required Individual or small group independent study arranged with faculty members.									
A&S	GEOL	<b>GEOL</b>	<b>4902</b>	<b>Seminar in Geology</b>	SEM	SE	1 to 2	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Permission required Seminar on specific topics in geological sciences. Content will vary with each offering.									
A&S	GEOL	<b>GEOL</b>	<b>4910</b>	<b>Field Geology</b>	FLD	FE	6	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		GEOL 3600 Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.									
A&S	GEOL	<b>GEOL</b>	<b>4940</b>	<b>Senior Thesis</b>	RSC	RS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Permission required 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>4970T</b>	<b>Geological Sciences Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		GEOL 3980T and HTC 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		GEOL 4970T and HTC 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>	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	<b>GEOL</b>	<b>5050</b>	<b>Statistical Methods in Geology</b>	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.									
A&S	GEOL	<b>GEOL</b>	<b>5080</b>	<b>Planetary Geology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									
A&S	GEOL	<b>GEOL</b>	<b>5080</b>	<b>Planetary Geology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students examine current issues and questions regarding the geology of the solid inner planets, moons, and small bodies of our solar system. The laboratory component allows students to work with data from spacecraft missions and sample-based studies.									
A&S	GEOL	<b>GEOL</b>	<b>5090</b>	<b>Geology of Mars</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed for students who want to discover aspects of the geologic, magmatic, surficial, and hydrologic evolution of the Red Planet. Students will read the latest research papers concerning Mars and discuss and debate their merits and relative contributions to the field of planetary geology.									

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A&S	GEOL	<b>GEOL</b>	<b>5091</b>	<b>Geowriting</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>5092</b>	<b>Geowriting</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the skills needed to communicate research results in the geological sciences. Topics include abstract writing, speech presentation, poster construction, research to writing tips, and clear precise writing for papers and theses. Final assessment will include the completion of a research paper, an oral presentation on this paper as well as a poster presentation on this research.									
A&S	GEOL	<b>GEOL</b>	<b>5120</b>	<b>Earth Materials and Resources</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									
A&S	GEOL	<b>GEOL</b>	<b>5150</b>	<b>Mineralogy</b>	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Crystallography, crystal chemistry, and mineralogy. Emphasizes mineral identification and formation and association of minerals in different geologic environments.									
A&S	GEOL	<b>GEOL</b>	<b>5160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	<b>GEOL</b>	<b>5160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to the classification, distribution and characteristics of metallic and industrial ore deposits. The course emphasizes the geologic conditions and environments leading to the formation of various ores, and examines economics of ore deposits, mining methods, hazards, and remediation techniques. The tectonic settings of ore deposits are considered within the context of the plate tectonic paradigm, and we will discuss ore deposits with respect to geologic time and changes to the Earth system. Laboratory assignments focus on identifying common economic minerals, exploration practices, and ore characterization techniques.									
A&S	GEOL	<b>GEOL</b>	<b>5170</b>	<b>Isotope Geology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>5201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		In second year geology, you are starting to build a breadth of knowledge in the geological sciences. More importantly, you are starting to learn the material which will make you a practicing geoscientist. All subjects are related and interconnected; you must now build on the knowledge learn in previous courses. An introduction to the basic concepts of rock-forming processes in igneous and metamorphic environments. This includes concepts related to identification, classification and origin of volcanic rocks, igneous intrusions, and metamorphic rocks associated with plate collisions, burial and intrusions. More importantly, you will gain an overview and understanding of the fundamental geologic processes that form these rocks. While what we (mostly) see at the Earth's surface is sedimentary units; the mantle and major portions of the Earth's crust have been formed and modified by igneous and metamorphic activity. Therefore, an understanding of these activities is essential as a starting point for understanding the Earth. Also, the processes that formed these rocks are exciting and fun to study!									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOL	<b>GEOL</b>	<b>5201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students with knowledge of the chemical principles and processes involved in the generation and movement of contaminants. It will give students an understanding of the sources, fate, and chemical behavior of some of the most important classes of chemical pollutants.									
A&S	GEOL	<b>GEOL</b>	<b>5300</b>	<b>Principles of Geomorphology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5300</b>	<b>Principles of Geomorphology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5320</b>	<b>Origin and Classification of Soils</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	<b>GEOL</b>	<b>5320</b>	<b>Origin and Classification of Soils</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Consideration of concept of soil and factors of soil formation, introduction to soil morphology and systems of soil classification, discussion of major soil groups of world and soils of Ohio.									
A&S	GEOL	<b>GEOL</b>	<b>5390</b>	<b>Fluvial Geomorphology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of stream processes and human interactions with rivers, including the qualitative and quantitative techniques used to study natural and disturbed streams as presented in lecture and field settings.									
A&S	GEOL	<b>GEOL</b>	<b>5400</b>	<b>Principles of Paleontology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									
A&S	GEOL	<b>GEOL</b>	<b>5400</b>	<b>Principles of Paleontology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to paleontology emphasizing paleontologic theory and the study of the morphology and biologic relationships of key groups preserved in the fossil record.									

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A&S	GEOL	<b>GEOL</b>	<b>5430</b>	<b>Paleobiogeography</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	<b>GEOL</b>	<b>5430</b>	<b>Paleobiogeography</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the coevolution of the Earth's biota with tectonic, climatic, and other types of environmental change. Examines both theoretical and practical aspects of paleobiogeographic analysis including implications for paleogeographic reconstruction. Incorporation of macroevolutionary theory, phylogenetic theory, and other advanced paleontologic methods are critical components.									
A&S	GEOL	<b>GEOL</b>	<b>5440</b>	<b>Ichnology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	<b>GEOL</b>	<b>5440</b>	<b>Ichnology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		The study of trace fossils, including tracks, trails, burrows, borings, and nests, in marine and continental environments throughout geologic time. Topics include ichnologic theory, ichnotaxonomy, applications to paleoecologic and taphonomic problems, application to sedimentologic and stratigraphic problems, and application to oil and natural gas exploration.									
A&S	GEOL	<b>GEOL</b>	<b>5460</b>	<b>Earth Systems Evolution</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Synthesis of the coupled histories of the Earth's interior, surface, and life.									
A&S	GEOL	<b>GEOL</b>	<b>5480</b>	<b>Paleocology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	<b>GEOL</b>	<b>5480</b>	<b>Paleocology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examination of concepts of the relationship of organism with their environment that can be effectively studied within the fossil record. Topics include competition, predation, ecologic convergence, community paleoecology, and relationship to macroevolution. Will be divided between lectures and discussions of current paleoecologic literature.									
A&S	GEOL	<b>GEOL</b>	<b>5500</b>	<b>Stratigraphy-Sedimentology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting.									
A&S	GEOL	<b>GEOL</b>	<b>5500</b>	<b>Stratigraphy-Sedimentology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to principles of stratigraphy and sedimentation. Interpretation of depositional environments and their relation to plate tectonic setting.									
A&S	GEOL	<b>GEOL</b>	<b>5510</b>	<b>Diagenesis</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>Depositional Environments</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Advanced coverage of depositional processes and environments. Latter part of course focuses on global sedimentation and events. Students read, present, and discuss current literature, as well as write a term paper.									
A&S	GEOL	<b>GEOL</b>	<b>5530</b>	<b>Physical Limnology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.									

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A&S	GEOL	<b>GEOL</b>	<b>5540</b>	<b>Carbonate Depositional Systems I</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5570</b>	<b>Petroleum Geology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5580</b>	<b>Fluvial Sedimentology</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5580</b>	<b>Fluvial Sedimentology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5600</b>	<b>Structural Geology</b>	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5600</b>	<b>Structural Geology</b>	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5640</b>	<b>Regional Tectonics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5660</b>	<b>Geodynamics: The Earth's Interior</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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.									

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

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A&S	GEOL	<b>GEOL</b>	<b>5900</b>	<b>Special Topics in Geological Sciences</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>5910</b>	<b>Field Geology</b>	FLD	FE	6	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>6900</b>	<b>Special Topics in Geological Sciences</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	GEOL	<b>GEOL</b>	<b>6901</b>	<b>Geologic Studies</b>	SEM	EL	1 to 6	30		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Individual or small group independent study arranged with faculty members.									
A&S	GEOL	<b>GEOL</b>	<b>6901</b>	<b>Geologic Studies</b>	SEM	SE	1 to 6	30		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	SEM	SE	1 to 2	10		I	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>	SEM	SE	1	10		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Advanced seminar on current research in geology.									
A&S	GEOL	<b>GEOL</b>	<b>6940</b>	<b>Research in Geology</b>	RSC	RS	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Individual research projects arranged with faculty members.									
A&S	GEOL	<b>GEOL</b>	<b>6944</b>	<b>Teaching Methods in Geology</b>	LEC	LE	1	6		I	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Practicum in pedagogical methods for geology teaching assistants.									
A&S	GEOL	<b>GEOL</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 15	135		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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> ELIGIBLE GRADES: A-F, PR COURSE DESC: Investigates the nature of contemporary history, major philosophical and conceptual approaches, interpretive trends, and methodologies.	SEM	SE	4	0		N	G50		0
A&S	HIST	<b>CH</b>	<b>6020</b>	<b>Issues in Contemporary History</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
A&S	HIST	<b>CH</b>	<b>6900</b>	<b>Special Topics in Contemporary History Institute</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	HIST	<b>CH</b>	<b>6900</b>	<b>Special Topics in Contemporary History Institute</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	HIST	<b>CH</b>	<b>6930</b>	<b>Special Project in Contemporary History</b> ELIGIBLE GRADES: A-F, 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.	IND	IS	1 to 6	8		N	G50		0
A&S	HIST	<b>HIST</b>	<b>1210</b>	<b>Western Civilization: Antiquity to 1500</b> ELIGIBLE GRADES: A-F 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.	DIS	DI	3	0	2HL	N	U10		0
A&S	HIST	<b>HIST</b>	<b>1210</b>	<b>Western Civilization: Antiquity to 1500</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U10		0
A&S	HIST	<b>HIST</b>	<b>1220</b>	<b>Western Civilization: Modernity from 1500</b> ELIGIBLE GRADES: A-F 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?	DIS	DI	3	0	2HL	N	U10		0
A&S	HIST	<b>HIST</b>	<b>1220</b>	<b>Western Civilization: Modernity from 1500</b> ELIGIBLE GRADES: A-F 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?	LEC	LE	3	0	2HL	N	U10		0
A&S	HIST	<b>HIST</b>	<b>1221</b>	<b>The First Universities: History &amp; Learning in Europe, 1100-1600</b> ELIGIBLE GRADES: A-F COURSE DESC: History of the first universities and their role in medieval European history. Close examination of Bologna, Paris and Oxford. Focus on three main topics: the exchange of knowledge across languages and cultures; the role of education in growing and sustaining strong government; and controversy arising from the convergence of religion, politics, and scholarship. We consider relevance of these topics to the modern university and its place in society.	LEC	LE	3	0	2HL	N	U10		0
A&S	HIST	<b>HIST</b>	<b>1222</b>	<b>Medieval History in Film &amp; Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: An introductory multimedia survey of medieval society and culture, especially but not exclusively European. The Middle Ages are commonly seen as primitive and barbaric, as pure and romantic, or as an infantile version of the modern world. This course invites students to test those generalizations against more critical views. Focus is on violence and religious life, two topics with a surprising amount of overlap between them. Along with reading primary sources, including warrior epics and saints' lives, students analyze a variety of films ranging from famous to obscure, artistic to graphic. Whatever the medium, we are concerned with improving our critical and interpretative skills, and with better understanding the challenges and possibilities for engaging with cultures other than our own.	LEC	LE	4	0	2CP	N	U10		0

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A&S	HIST	<b>HIST</b>	<b>1320</b>	<b>Introduction to World History Before 1750</b>	DIS	DI	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>1320</b>	<b>Introduction to World History Before 1750</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b>	DIS	DI	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.									
A&S	HIST	<b>HIST</b>	<b>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b>	DIS	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.									

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A&S	HIST	<b>HIST</b>	<b>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.									
A&S	HIST	<b>HIST</b>	<b>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.									
A&S	HIST	<b>HIST</b>	<b>2460</b>	<b>The Rise of Modern Asia</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introductory survey of the history of Asia from the early modern era to the present day. Emphasis on the rise of modern nationalism, economic development, and social and cultural achievements.									
A&S	HIST	<b>HIST</b>	<b>2530</b>	<b>Life, Love, and Death in the Medieval World</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course explores life in medieval Europe through the interpretation of contemporary sources, including saints' lives, chronicles written by conquerors and the conquered, first-hand murder accounts, and how-to guides composed for lovers, monks, knights, and architects. Lectures will also introduce evidence from archaeology and the visual arts to complement the literary record. This is a thematic course rather than a chronological survey. General topics include The World Around Them, Rules of Love, Culture of Violence, and Visions of the End.									
A&S	HIST	<b>HIST</b>	<b>2900</b>	<b>Special Topics in History</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>2900</b>	<b>Special Topics in History</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>2905</b>	<b>Technology in World History</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		From hand tools, stirrups, and windmills to lasers, batteries, and biotechnology, human history and technology can only be understood together. This course explores the ways in which technology has shaped human society 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>	SEM	SE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduce students to the methods and sources used in the study of history. Students will read original sources and historical scholarship on a particular period or theme in history. Each week individuals will help lead discussion of the assigned readings, so that all students will encounter the challenges and rewards of scholarly exchange. Also provides students the chance to interact with each other and their professor in a small class environment.									
A&S	HIST	<b>HIST</b>	<b>2970T</b>	<b>Honors Tutorial Seminar</b>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and HTC						
		COURSE DESC:		Honors tutorial on topics in History									
A&S	HIST	<b>HIST</b>	<b>2971T</b>	<b>Honors Tutorial Study, Second Year, Non-thesis</b>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and HTC						
		COURSE DESC:		Individualized tutorial for HTC students only.									
A&S	HIST	<b>HIST</b>	<b>2980T</b>	<b>Honors Tutorial Study</b>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and HTC						
		COURSE DESC:		Honors tutorial on topics in History									
A&S	HIST	<b>HIST</b>	<b>2981T</b>	<b>Honors Tutorial Study, Second Year, Non-thesis</b>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and HTC						
		COURSE DESC:		Individualized tutorial for HTC students only.									

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A&S	HIST	<b>HIST</b>	<b>3000</b>	<b>Atlantic History</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	<b>HIST</b>	<b>3000</b>	<b>Atlantic History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Using a comparative global perspective, explores the interactions between Europe, Africa, and the Americas during the age of European oceanic expansion. Covers Spanish, Portuguese, French, Dutch, and English empires and societies, Native American societies and interactions with Europeans, African societies, the rise of the slave trade and growth of African-American identity. Other topics include migration, the Columbian exchange, war, trade, religion, piracy, gender, and metropolitan authority. Encourages comparison between empires, cultures, and geographical regions even as it appreciates how intertwined and entangled these histories sometimes could be.									
A&S	HIST	<b>HIST</b>	<b>3002</b>	<b>Colonial British North America</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	<b>HIST</b>	<b>3002</b>	<b>Colonial British North America</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Covers North American history from initial British settlement to the conclusion of the French and Indian War. In this time British colonies evolved into increasingly mature, stable societies. Demographic and economic expansion made possible a prosperous and relatively egalitarian society, which in turn affected the legal and political settlement. Yet, amidst all these promising developments, African slavery and the dispossession of Native Americans became ever more deeply entrenched. Examines the expansion of the British American empire and the costs this empire exacted. Topics covered include: pre-Columbian Native American societies, early English settlement, the Caribbean, comparative colonial development, trade, political culture, gender relations and the construction of family, witchcraft, war, migration, evangelical awakenings, urbanization, consumption, and slavery.									
A&S	HIST	<b>HIST</b>	<b>3004</b>	<b>Revolutionary Era</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Causes of American Revolution and struggle for independence. Confederation, movement for new government, framing of Constitution.									
A&S	HIST	<b>HIST</b>	<b>3008</b>	<b>Early U.S. Republic</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.									
A&S	HIST	<b>HIST</b>	<b>3012</b>	<b>Foundations of Modern America: The Gilded Age, 1877-1901</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Business development, labor unrest, nativism and anti-semitism, imperialism, populism, government corruption, Social Darwinism, urban growth, Victorian morality, and Indian wars examined as outgrowths of efforts of American people to adapt to modernization and industrialization in late 19th- century.									
A&S	HIST	<b>HIST</b>	<b>3012</b>	<b>Foundations of Modern America: The Gilded Age, 1877-1901</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Business development, labor unrest, nativism and anti-semitism, imperialism, populism, government corruption, Social Darwinism, urban growth, Victorian morality, and Indian wars examined as outgrowths of efforts of American people to adapt to modernization and industrialization in late 19th- century.									
A&S	HIST	<b>HIST</b>	<b>3018</b>	<b>History of the American South to 1900</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									
A&S	HIST	<b>HIST</b>	<b>3018</b>	<b>History of the American South to 1900</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									

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A&S	HIST	<b>HIST</b>	<b>3020</b>	<b>Survey of American Indian History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Treats Indian societies before European contact; cultural contact, negotiation, and conflict with Spanish, English, and French settlers; United States policy toward Indians; and Indian peoples' diverse strategies of preservation, adaptation, resistance, and accommodation from first contact to the present.									
A&S	HIST	<b>HIST</b>	<b>3030</b>	<b>United States in World War II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.									
A&S	HIST	<b>HIST</b>	<b>3030</b>	<b>United States in World War II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.									
A&S	HIST	<b>HIST</b>	<b>3050</b>	<b>The United States and the Vietnam War</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examination of American experience in Vietnam, both in terms of military and diplomatic history of war itself, and its impact on American society.									
A&S	HIST	<b>HIST</b>	<b>3060</b>	<b>American Environmental History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		A survey of the evolution, from 1492 to the present, of American attitudes toward and interactions with the natural world, including such topics as the Columbian Exchange, romanticism, the Western frontier, conservation, the "land ethic," and environmental policy in the 1960s and 1970s.									
A&S	HIST	<b>HIST</b>	<b>3070</b>	<b>Famous Trials in American History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Uses the medium of famous trials to explore the relationship between law and society in American history from the 17th- to the 20th- centuries. Some of the cases studied are landmarks in the history of law, while others provide social and cultural insights into a particular period of American history. Along the way, the class considers the role of governmental entities, the legal profession, the judiciary, the press, and the public in famous trials.									
A&S	HIST	<b>HIST</b>	<b>3081</b>	<b>The Civil War and its Aftermath</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Explores the diverse individuals and processes that brought about the U.S. Civil War, determined its course and outcome, and shaped a complicated and contested settlement. Themes will include military engagements, expansionism, increased sectionalism, race and slavery, political parties, society and institutions in the Union and Confederacy, attempts to restructure Southern society, and developments at the national level in the post-war period.									
A&S	HIST	<b>HIST</b>	<b>3090</b>	<b>American Constitutional History, Part 1: Origins to Reconstruction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Traces the history of American constitutionalism from its English roots through the aftermath of the Civil War. While the purview is not restricted to the federal constitution, that document will form its chief focus. Ideas, institutions, and individuals responsible for the construction of America's unique constitutional heritage are studied in detail.									
A&S	HIST	<b>HIST</b>	<b>3095</b>	<b>American Constitutional History, 1880s-Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Studies the history of American Constitutionalism from the last half of the 19th- century to the last half of the 20th. Concentration on the Federal Constitution and its role in shaping the public and private lives of Americans. Particular attention will be paid to the ideas, institutions, and individuals responsible for making the Constitution a battleground rife with intellectual, social, and cultural significance.									
A&S	HIST	<b>HIST</b>	<b>3098</b>	<b>Famous Trials in British History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Uses the medium of famous trials to explore the relationship between law and society in British history. Some of the cases studied are landmarks in the history of law, while others provide insight into the social, cultural, and political characteristics of a particular period in British history.									
A&S	HIST	<b>HIST</b>	<b>3100</b>	<b>Emergence of the Modern United States: Progressive Era and Roaring Twenties</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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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> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3102</b>	<b>Age of FDR: The United States during the Great Depression and World War II</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Great Depression; Franklin D. Roosevelt and the emergence of the modern presidency; political and intellectual character of the New Deal; origins and impact of American involvement in World War II; wartime military history, diplomacy, and politics.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3102</b>	<b>Age of FDR: The United States during the Great Depression and World War II</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Great Depression; Franklin D. Roosevelt and the emergence of the modern presidency; political and intellectual character of the New Deal; origins and impact of American involvement in World War II; wartime military history, diplomacy, and politics.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3104</b>	<b>United States, 1945-Present</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3104</b>	<b>United States, 1945-Present</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3106</b>	<b>History of American Conservatism</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3106</b>	<b>History of American Conservatism</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3110</b>	<b>History of Public Health Disasters</b> ELIGIBLE GRADES: A-F COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3110</b>	<b>History of Public Health Disasters</b> ELIGIBLE GRADES: A-F COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3111J</b>	<b>Historical Research and Writing</b> ELIGIBLE GRADES: A-F COURSE DESC: Deals with techniques and mechanics of historical research and writing. After introduction to use of primary and secondary sources and use of history reference material, students are guided through steps of research and writing; compiling bibliography, analysis of sources, organization of evidence, and style and composition of written paper.	SEM	SE	3	0	1J	I	U30		75

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A&S	HIST	<b>HIST</b>	<b>3112</b>	<b>United States in Urban History</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the influence of cities, suburbs, and exurbs on American economics, politics, and society.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3112</b>	<b>United States in Urban History</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the influence of cities, suburbs, and exurbs on American economics, politics, and society.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3113</b>	<b>History of Canada</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to Canada; study of its exploration and development under France and England, and its emergence as an important modern nation.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3130</b>	<b>American Jewish History</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines political, economic, and religious interaction between Jews and American society. Includes Sephardic and Ashkenazic immigrants, growth of Reform and Conservative Judaism, Zionism, and modern problems of American Jews. Covers from 1654 to present.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3140</b>	<b>Pop/High Culture in 20th Century America</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3140</b>	<b>Pop/High Culture in 20th Century America</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3143</b>	<b>American Social and Cultural History, 1820-1890</b> ELIGIBLE GRADES: A-F COURSE DESC: Social life, work roles, and gender and family relations in Victorian America. Special focus on urban life, religion and reform, romanticism, life in the slave South, and beliefs and reality about social mobility.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3143</b>	<b>American Social and Cultural History, 1820-1890</b> ELIGIBLE GRADES: A-F COURSE DESC: Social life, work roles, and gender and family relations in Victorian America. Special focus on urban life, religion and reform, romanticism, life in the slave South, and beliefs and reality about social mobility.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3144</b>	<b>US Social History in the 20th century</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3144</b>	<b>US Social History in the 20th century</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3146</b>	<b>American Ideas, 20th- Century</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3148</b>	<b>Cultural Rebels in the Modern U.S.</b> ELIGIBLE GRADES: A-F 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?	LEC	LE	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> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3160</b>	<b>History of U.S. Involvement in World Affairs, 1776-1898</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines United States involvement in world affairs from the Revolutionary War to the Spanish-American War, with an emphasis on territorial and commercial expansion and the emergence of the United States as a world power.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3160</b>	<b>History of U.S. Involvement in World Affairs, 1776-1898</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines United States involvement in world affairs from the Revolutionary War to the Spanish-American War, with an emphasis on territorial and commercial expansion and the emergence of the United States as a world power.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3170</b>	<b>Survey of Ohio History</b> ELIGIBLE GRADES: A-F COURSE DESC: A survey of Ohio history, from the time of the Mound builders, through the conflicts between the British and French empires, to the creation of Ohio as a state. Much of the focus is on the events of the 19th- century, as Ohio was a central battleground in conflicts over slavery and abolition, and labor and industrial groups. Also examines the process of deindustrialization in the later half of the 20th- century.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3180</b>	<b>American Westward Movement</b> ELIGIBLE GRADES: A-F COURSE DESC: American West; Appalachian West, Ohio frontier, Far West. Explorers, fur traders and trappers, miners, cattlemen, stage lines and railroads, and farmers. Conservation.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3190</b>	<b>Sports In American History and Culture</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the role sports has played in American culture from early America to the present. Topics include the rise of various sports like baseball, boxing, and football, the advent of professional sports, sports and social class, sports and gender, sports and race including the desegregation of sports, changing concepts of fitness, doping scandals, fandom and the business of sports, and international sports and diplomacy.	LEC	LE	3	0		N	U30		0



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A&S	HIST	<b>HIST</b>	<b>3192</b>	<b>History of American Baseball</b> ELIGIBLE GRADES: A-F COURSE DESC: American baseball, as sport, entertainment, business, and cultural institution, from origins in children's games and spread as adult activity in mid-19th- century to emergence as full-blown professional sport after Civil War, formation of present league structures, Black Sox scandal of 1919-20, reconstitution of baseball's governance, and Babe Ruth-dominated "golden age" of 1920s. Includes player-owner conflicts, foremost players, managers, and teams; separate development of African-American baseball. players, managers, and teams. Impact of the Depression and World War II; integration of African-American, Hispanics, and Asians; expansion geographically; development of free agency; impact of steroids and television on the sport.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3192</b>	<b>History of American Baseball</b> ELIGIBLE GRADES: A-F COURSE DESC: American baseball, as sport, entertainment, business, and cultural institution, from origins in children's games and spread as adult activity in mid-19th- century to emergence as full-blown professional sport after Civil War, formation of present league structures, Black Sox scandal of 1919-20, reconstitution of baseball's governance, and Babe Ruth-dominated "golden age" of 1920s. Includes player-owner conflicts, foremost players, managers, and teams; separate development of African-American baseball. players, managers, and teams. Impact of the Depression and World War II; integration of African-American, Hispanics, and Asians; expansion geographically; development of free agency; impact of steroids and television on the sport.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3200</b>	<b>Women in American History Before 1877</b> ELIGIBLE GRADES: A-F COURSE DESC: American women's history from the colonial era through Reconstruction. Topics include the traditional life of Native American women, witchcraft in colonial New England, women in the American Revolution, African- American women in slavery, early American childbirth customs, the early women's rights crusade, women on the trans-Mississippi frontier, and women in the Civil War.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3201</b>	<b>Women in American History Since 1877</b> ELIGIBLE GRADES: A-F COURSE DESC: American women's history since Reconstruction. Topics include the experiences of immigrant women in the United States, prostitution in the Gilded Age, the Progressive Era birth-control movement, achievement of the right to vote, women in the two world wars, women in the civil rights movement, the new feminist movement, the backlash against feminism, Roe v. Wade and the abortion debate.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3202</b>	<b>Women's Health and Medicine in U.S. History</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines, from the colonial era to the present, changes in the medical treatment of women and changes in the definition of women's health and illness. Topics to be explored include the history of women and domestic health; women and public health; pregnancy, prenatal care, and prenatal testing; birth; breastfeeding; birth control; abortion; menstruation; menopause; infertility and assisted reproductive technologies; sexually-transmitted infections; women and addiction; breast cancer; and the impact of the inadequacies and inequities of contemporary health policy on women.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3211</b>	<b>American Military History, 1600-Present</b> ELIGIBLE GRADES: A-F COURSE DESC: Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3211</b>	<b>American Military History, 1600-Present</b> ELIGIBLE GRADES: A-F COURSE DESC: Military institutions and civil-military relations in American history; role of technology in warfare; innovations and reforms in military; war and its conduct; military and civilian society in war and peace.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3213</b>	<b>War, Violence, Modernity</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3213</b>	<b>War, Violence, Modernity</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the correlation of war, violence organized and controlled by the state or unbounded and uncontrolled, and modernity. It considers the relationship of state and society with regard to war and domestic order from the end of the Middle Ages (roughly the mid-15th- century) to the present. Geographic emphasis is on Europe and North America, but other parts of the world will be discussed where appropriate.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3214</b>	<b>Military History of the Civil War</b> ELIGIBLE GRADES: A-F COURSE DESC: The military aspects of the U.S. Civil War and the reasons for success and victory. Relationship between battles, soldier morale, and the homefront. Political, economic, social, and cultural aspects of the war which shaped its military course and outcome. Also the roles of individual men and women, White and Black.	LEC	EL	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3214</b>	<b>Military History of the Civil War</b> ELIGIBLE GRADES: A-F COURSE DESC: The military aspects of the U.S. Civil War and the reasons for success and victory. Relationship between battles, soldier morale, and the homefront. Political, economic, social, and cultural aspects of the war which shaped its military course and outcome. Also the roles of individual men and women, White and Black.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3220</b>	<b>1960s in U.S.: Decade of Controversy</b> ELIGIBLE GRADES: A-F COURSE DESC: Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3220</b>	<b>1960s in U.S.: Decade of Controversy</b> ELIGIBLE GRADES: A-F COURSE DESC: Allows students to go beyond the popular stereotypes of the 1960s to understand the decade as a period of social, cultural and political confrontation that laid the groundwork for life in the present-day United States. Primary focus on social protest movements of the era; the Civil Rights movement, the student movement, the antiwar movement, the counterculture, and the women's movement.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3224</b>	<b>The 1980s in the U.S.: The Age of Reagan and Madonna</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3230</b>	<b>Latin American History: The Colonial Era</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3231</b>	<b>Latin American History: From Independence to the Present</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3232</b>	<b>History of Brazil</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3233</b>	<b>The History of Modern Mexico</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3250</b>	<b>History of U.S.- Latin American Relations</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3270</b>	<b>Slavery in the Americas</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3280</b>	<b>Jewish History to 1492</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the emergence of the ancient Hebrews, the first monotheistic people. Compares and contrasts the Jewish encounter with the great civilizations of the pre-modern era, including the Roman Empire, the world of Islam, and Catholic Europe. As the Jewish people migrated to distant lands--to Persia, to North Africa, to Spain, and to Poland--their customs and values evolved to meet the needs of their new environments. Jewish life before modernity was characterized by its great diversity. Yet amidst this great diversity the Jews always possessed a sense of unity.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3281</b>	<b>Jewish History Since 1492</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3290</b>	<b>Ancient Near East: Egypt, Mesopotamia, and the Levant</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30	CCE	0
A&S	HIST	<b>HIST</b>	<b>3291</b>	<b>Ancient Greece</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3292</b>	<b>Ancient Rome</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3293</b>	<b>World of Late Antiquity: Culture and Society in the Late Roman Empire</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3301</b>	<b>African History Through Film</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3320</b>	<b>History of Women in the Middle East</b> ELIGIBLE GRADES: A-F COURSE DESC: Main themes, divided chronologically and thematically, include the history of veiling, polygamy, divorce, and laws of personal status during the early periods of Islam; a re-examination of "harem politics" and the role of women in the Ottoman Empire; the effects of westernization and modernization in the 19th-century societies; and recent trends such as the enforcement of the veil in the Islamic Republic of Iran and Egyptian fundamentalist movements; section on women poets and novelists.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3330</b>	<b>Oil, the Persian Gulf, and World Power</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3340</b>	<b>Zionism and Modern Israel</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Will examine the history and nature of Jewish nationalism. It will begin with the early 20th- century struggle for Jewish politics and culture internationally and how this served as an impetus for the establishment of Israel. The second half will examine ways in which Jewish nationalism shaped daily life in the state of Israel since its founding to the present.									
A&S	HIST	<b>HIST</b>	<b>3340</b>	<b>Zionism and Modern Israel</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Will examine the history and nature of Jewish nationalism. It will begin with the early 20th- century struggle for Jewish politics and culture internationally and how this served as an impetus for the establishment of Israel. The second half will examine ways in which Jewish nationalism shaped daily life in the state of Israel since its founding to the present.									
A&S	HIST	<b>HIST</b>	<b>3352</b>	<b>Legacy of Genghis Khan</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		An examination of Genghis Khan's life and legacy, emphasizing historical problems such as the life of the Khan, Mongol military tactics, economic policies, the interaction between nomadic and settled peoples, premodern state formation, and Mongol-influenced artistic and literary achievements. Particular attention given to Genghis Khan's legacy in the Middle East and Islamic world, including conquests of the warlord, Tamerlane, and the rise of the three "gunpowder empires."									
A&S	HIST	<b>HIST</b>	<b>3355</b>	<b>History of Modern Iran</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Will be a survey of modern Iranian history from 1800 to the present. Covers the 19th- Century Qajar Dynasty, the reforms of Reza Shah Pahlavi, the downfall of Muhammad Reza Shah, the Islamic Revolution and the rise of the Ayatollah Khomeini, and the Islamic Republic of Iran. Topics to be covered include the role of women in Iranian history, the role of Shi'ism in Iranian history and politics, Iran and human rights, the hostage crisis and relations with the United States.									
A&S	HIST	<b>HIST</b>	<b>3360</b>	<b>History of North Africa</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Survey of the geographical setting, ethnic composition of the region; political, economic, and cultural developments from antiquity to the 19th- century; European colonization and African resistance; rise of nationalism; struggle for political independence; political, economic, and social problems in independent North Africa; North Africa in world affairs.									
A&S	HIST	<b>HIST</b>	<b>3370</b>	<b>Middle East History 600 to 1500</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Islamic history and civilization from the rise of Islam to the end of the 15th- century. Includes discussion of establishment of Islam, development and spread of Muslim rule, medieval caliphates and their cultural achievements, Mongol invasions, crusades, and contributions of Arabs, Persians, and Turks to Islamic civilization.									
A&S	HIST	<b>HIST</b>	<b>3371</b>	<b>Middle East History 1500 to the present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Islamic history and civilization during the period of the great "gunpowder empires." Includes discussion of Turko-Mongol background, role of Tamerlane; origins of Ottomans, Safavids, and Mughals; military organization, kingship, "harlem politics," cultural developments, and decline and transformation of these great empires. Themes covered in modern period include break-up of Ottoman empire, rise of nationalism, Arab-Israeli dispute, Iranian revolution, and late 20th- century Islamic revivalist movements									
A&S	HIST	<b>HIST</b>	<b>3380</b>	<b>History of West Africa</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		History of West Africa from early times to present; peopling of sudanic and forest regions; development of trade; Islam and rise of sudanic empires; slave trade and forest states; colonial era; independence movements; problems of nationalism.									
A&S	HIST	<b>HIST</b>	<b>3381</b>	<b>History of East Africa</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		History of East Africa from early times to present, with particular emphasis on period since 1750. Although neighboring countries also are studied, greatest attention is paid to the region that comprises present-day Kenya, Uganda, and Tanzania.									
A&S	HIST	<b>HIST</b>	<b>3390</b>	<b>Women in African History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3400</b>	<b>African Intellectual History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Studies the interaction of ideas and concepts with their social environment and shows how ideas in the sciences, humanities, and arts interact with social realities. Will examine the development of various ideas in different African historical and cultural contexts. Discussions will address the question "What does it mean to be human?" and the various answers to that question that different African civilizations have developed over time.									

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A&S	HIST	<b>HIST</b>	<b>3401</b>	<b>African History Through Theater</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Will explore changes in African societies and cultures in the 19th- and 20th- centuries and African dramatists' perspectives thereon. Theatrical works written by African playwrights will be a medium for studying issues as Africans understood them. African playwrights will be seen as social historians concerned with the everyday nature of the lives of common people. Examines a variety of African perspectives and focus on liberation struggles and the independence period.									
A&S	HIST	<b>HIST</b>	<b>3410</b>	<b>History of Africa to 1850</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>3412X</b>	<b>Islam in Africa</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Beginning with an overview of processes of Islamization in Africa, the course will focus primarily on the variety of Islamic experiences on the continent, the relationships between Islam and trade, and state formation, questions of race and slavery in African Muslim societies, the African Diaspora in the Middle East and beyond. Other topics include Islam and colonial rule and interactions between Muslims and non-believers.									
A&S	HIST	<b>HIST</b>	<b>3420</b>	<b>History of South Africa</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.									
A&S	HIST	<b>HIST</b>	<b>3452</b>	<b>Southeast Asia, 1945 to the Present: The Search for Stability</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.									
A&S	HIST	<b>HIST</b>	<b>3463</b>	<b>History of China from Antiquity to the Early Modern Era</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461						
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>HIST</b>	<b>3463</b>	<b>History of China from Antiquity to the Early Modern Era</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461							
		COURSE DESC:		Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.									
A&S	HIST	<b>HIST</b>	<b>3464</b>	<b>History of China from the Early Modern Era to the Present</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Soph or Jr or Sr) and not HIST 3462							
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	<b>HIST</b>	<b>3464</b>	<b>History of China from the Early Modern Era to the Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Soph or Jr or Sr) and not HIST 3462							
		COURSE DESC:		The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	<b>HIST</b>	<b>3480</b>	<b>Traditional Japan</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.									
A&S	HIST	<b>HIST</b>	<b>3481</b>	<b>Modern Japan</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.									
A&S	HIST	<b>HIST</b>	<b>3500</b>	<b>Science and Society in the Modern World</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		From the end of the Scientific Revolution to contemporary debates surrounding human-made climate change, this course examines key themes in the history of science since the 18th century. It treats science as both an evolving set of practices and methods as well as a body of knowledge, including developments such as thermodynamics, evolutionary biology, germ theory, the periodic table of the elements, and discovery of the human genome. It also considers apparently unsuccessful developments, such as phrenology, catastrophism, and Lamarckianism. Students will learn about the socially-contingent nature of science, the relationship between science and politics, and the efforts made to divide science from pseudoscience.									
A&S	HIST	<b>HIST</b>	<b>3501</b>	<b>Nature, Science and Religion to 1800</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	<b>HIST</b>	<b>3501</b>	<b>Nature, Science and Religion to 1800</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	<b>HIST</b>	<b>3520</b>	<b>Roman Law &amp; Society</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>3531</b>	<b>The Barbarian West: Europe 400-1000</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Foundation of Medieval synthesis, 300-1100; collapse of Roman world, establishment of successor states, spread of Christianity, formation and development of European culture.									

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A&S	HIST	<b>HIST</b>	<b>3531</b>	<b>The Barbarian West: Europe 400-1000</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Foundation of Medieval synthesis, 300-1100; collapse of Roman world, establishment of successor states, spread of Christianity, formation and development of European culture.									
A&S	HIST	<b>HIST</b>	<b>3532</b>	<b>History of the Crusades</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3533</b>	<b>Europe in the Middle Ages, 1000-1350</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3541</b>	<b>Medieval Christianity: Church and Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3542</b>	<b>The European Reformation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3543</b>	<b>Modern Christianity</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Explores the modern history of the world's largest and most geographically diverse religious tradition. While primarily considering modern Christianity's Euro-American "heartlands" this class will also examine Christianity's transition during the modern period from a religion centered on Europe, its colonies and settlements to a global religion that has helped shape and define modernity.									
A&S	HIST	<b>HIST</b>	<b>3543</b>	<b>Modern Christianity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Explores the modern history of the world's largest and most geographically diverse religious tradition. While primarily considering modern Christianity's Euro-American "heartlands" this class will also examine Christianity's transition during the modern period from a religion centered on Europe, its colonies and settlements to a global religion that has helped shape and define modernity.									
A&S	HIST	<b>HIST</b>	<b>3555</b>	<b>Women in Medieval Europe</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>HIST</b>	<b>3555</b>	<b>Women in Medieval Europe</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3560</b>	<b>The Italian Renaissance</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3562</b>	<b>Muslims, Christians, and Jews in the History of Medieval Spain</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b> ELIGIBLE GRADES: A-F 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 "revoluitions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b> ELIGIBLE GRADES: A-F 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 "revoluitions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3581</b>	<b>Politics, Power and People in Europe, 1650-1775</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3581</b>	<b>Politics, Power and People in Europe, 1650-1775</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3600</b>	<b>Women in Early Modern European History, 1400-1800</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the social, cultural, political, and economic roles of women in Europe from the 15th- through the 18th- centuries. Students will examine women as monarchs, nobles and peasants; as actresses, musicians, and playwrights; as mothers, wives, and daughters; as Christians, Jews, and Muslims; as scientists and scholars; and as witches, prostitutes, and criminals. Key issues will include women's political power and participation in politics; sexuality and the body; women's spiritual and religious roles; and women's interactions with men. The Early Modern period sets the stage for a changing history of women in Europe, and the class will thus underline the ways in which women's roles evolved and changed over the course of early modern Europe.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3601</b>	<b>Women in Modern European History, 1800-present</b> ELIGIBLE GRADES: A-F COURSE DESC: Will explore the role of women in western European society from the French Revolution to the present. In addition to examining how women have affected and been influenced by social, cultural, and political currents, we will investigate the place of women in historical literature, and how this role has changed over time. Of interest will be key individuals and women's groups, as well as a more general consideration of women's (and men's) everyday lives. Through lectures, discussions, and assignments, we will be particularly attentive to questions of how best to view women as part of a larger historical narrative as the field of women's and gender history relates to trends not only in the field of history but also in domestic and political developments, including women's movements, arguments about gender and sexuality,	LEC	LE	3	0		N	U30		0



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A&S	HIST	<b>HIST</b>	<b>3602</b>	<b>Women Warriors: Women and War in Europe</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Analyzes the role of women in military roles in Western Europe, with selected comparative examples from the United States and Africa, from a social-cultural and feminist perspective. By reconsidering the history of the military as a history that included women, this will allow students to examine critically how history is written. Additionally, students themselves will be able to apply concepts of women's and gender history research to other, more traditional fields of history scholarship. Will be organized thematically, with specific attention to geographic and historical comparisons. Students will consider what factors allowed individual women at various times in history to take on roles as soldiers; the auxiliary roles women played in the military, including nurses, prostitutes, and family members; recent debates about women's military service; and images of fighting women in popular culture. Additionally, evolving considerations of gender and sex(uality) definitions will inform our understanding of what it has meant at different times in history to be a fighting woman.									
A&S	HIST	<b>HIST</b>	<b>3610</b>	<b>The French Revolution</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines the origins, course of events, and significance of the experience of the French Revolution, which has traditionally been seen as the dividing line separating the Old Regime from modern times.									
A&S	HIST	<b>HIST</b>	<b>3610</b>	<b>The French Revolution</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines the origins, course of events, and significance of the experience of the French Revolution, which has traditionally been seen as the dividing line separating the Old Regime from modern times.									
A&S	HIST	<b>HIST</b>	<b>3620</b>	<b>Europe, 1814-1914</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Europe from Congress of Vienna to the First World War, including growth of liberalism and nationalism, revolutions of 1830 and 1848, Industrial Revolution, unification of Italy and Germany, social and intellectual movements. Development of Austria-Hungary, France, Italy, Germany, Great Britain, and Russia, including imperialism, background of WWI, and social and intellectual movements.									
A&S	HIST	<b>HIST</b>	<b>3640</b>	<b>Europe Between World Wars, 1919-1939</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3650</b>	<b>The Problem of Church and State in European History</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Devoted to the problem of the relationship between political and religious institutions and its impact on the course of European history. We will focus on four specific periods: 1) The High Middle Ages (1000-1300); 2)The Reformation; 3) The Age of Revolution; and 4) the 20th- century.									
A&S	HIST	<b>HIST</b>	<b>3650</b>	<b>The Problem of Church and State in European History</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Devoted to the problem of the relationship between political and religious institutions and its impact on the course of European history. We will focus on four specific periods: 1) The High Middle Ages (1000-1300); 2)The Reformation; 3) The Age of Revolution; and 4) the 20th- century.									
A&S	HIST	<b>HIST</b>	<b>3660</b>	<b>History of France in the 19th- Century</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Rise and fall of Napoleon; his impact on France and Europe; monarchist interlude; revolution of 1848 and election of Louis Napoleon; Second Empire, liberal and authoritarian; wars and transformation of Europe; fall of Napoleon and Paris Commune; Third Republic.									
A&S	HIST	<b>HIST</b>	<b>3661</b>	<b>Modern France in the 20th Century</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Dynamic and stagnant aspects; nostalgia and rejection of 20th century; impact of 20th century; democracy in France; European and colonial wars; communist movement from Popular Front to Common Program; anti-communism in France; French in changing world; De Gaulle, his predecessors, and his successors.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>HIST</b>	<b>3680</b>	<b>Germany in the 19th- Century</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3683</b>	<b>Germany between East and West since 1945</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3700</b>	<b>History of Byzantine Empire, 324-1453</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Decay of Roman World and emergence of Christian empire, 324-717; Medieval Roman Empire, 717-1056; weakening of central administration and apparent revival under Comneni, 1025-1204; Byzantium and neighboring world, 1204-1453; church and state; education and learning; Byzantine art; social, political, and military developments.									
A&S	HIST	<b>HIST</b>	<b>3710</b>	<b>Magic, Heresy and Witchcraft in Europe</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		History of dangerous beliefs and practices in Europe from antiquity through the 18th- century; historical origins; legal treatment and punishment; roles of gender, the law, church and state; Inquisition and witch hunts and trials.									
A&S	HIST	<b>HIST</b>	<b>3715</b>	<b>Sex, Crime and Deviance in Europe, 1200-1800</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3718</b>	<b>History of Central Europe</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Introduces the the major developments in Central Europe from the 16th- through 20th- centuries; the formation of the Hapsburg Empire, the impact of the Reformation and the Counter-Reformation in Central Europe, the Hapsburg struggles for supremacy in Germany and Europe from the 17th- through 19th- centuries, and their failed efforts to maintain a multinational empire in an age of nationalist extremism. Will conclude by examining the post-Hapsburg history of the Central European states of Austria, Czech and Slovak lands, and Hungary from 1919-1989.									
A&S	HIST	<b>HIST</b>	<b>3718</b>	<b>History of Central Europe</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Introduces the the major developments in Central Europe from the 16th- through 20th- centuries; the formation of the Hapsburg Empire, the impact of the Reformation and the Counter-Reformation in Central Europe, the Hapsburg struggles for supremacy in Germany and Europe from the 17th- through 19th- centuries, and their failed efforts to maintain a multinational empire in an age of nationalist extremism. Will conclude by examining the post-Hapsburg history of the Central European states of Austria, Czech and Slovak lands, and Hungary from 1919-1989.									

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A&S	HIST	<b>HIST</b>	<b>3730</b>	<b>Making of the Balkans 1354 - 1908</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of the Balkans from the rise of the Ottoman Empire to the beginnings of the Ottoman collapse. We will study the Ottoman conquests and the creation of Ottoman institutions in the Balkans, collaboration and resistance to Ottoman rule among Balkan peoples, the region's social, cultural, and religious development as well as the fate of the Balkan peoples and states caught between Ottoman, Hapsburg and Russian efforts at imperial expansion. We will conclude by considering the rise of Balkan nationalism after 1800, the growth of great power intervention, as well as the efforts of the Greek, Romanian, Serb, an Bulgarian people at state-building.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3730</b>	<b>Making of the Balkans 1354 - 1908</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of the Balkans from the rise of the Ottoman Empire to the beginnings of the Ottoman collapse. We will study the Ottoman conquests and the creation of Ottoman institutions in the Balkans, collaboration and resistance to Ottoman rule among Balkan peoples, the region's social, cultural, and religious development as well as the fate of the Balkan peoples and states caught between Ottoman, Hapsburg and Russian efforts at imperial expansion. We will conclude by considering the rise of Balkan nationalism after 1800, the growth of great power intervention, as well as the efforts of the Greek, Romanian, Serb, an Bulgarian people at state-building.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3731</b>	<b>Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3740</b>	<b>European Strategy &amp; Diplomacy 1815-1914</b> ELIGIBLE GRADES: A-F COURSE DESC: Diplomatic and strategic history from Congress of Vienna to WWI, including age of Metternich, Italian and German unification, new imperialism, and prewar alliances and alignments.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3741</b>	<b>Origins of World War II, 1914-1941</b> ELIGIBLE GRADES: A-F COURSE DESC: International problems of peace and war, international organization and alliances.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3742</b>	<b>The Cold War, 1941-1989</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3742</b>	<b>The Cold War, 1941-1989</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3750</b>	<b>World War I</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3770</b>	<b>The Holocaust</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3780</b>	<b>History of Secret Intelligence</b> ELIGIBLE GRADES: A-F COURSE DESC: Historical perspective on modern secret intelligence: human and technical means of collection; intelligence analysis; special warfare, including counter-insurgency, counter-terrorism, and psychological operations; and counter-intelligence. Emphasis on the role of secret intelligence in foreign policy and national security, especially in times of war and crisis.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3780</b>	<b>History of Secret Intelligence</b> ELIGIBLE GRADES: A-F COURSE DESC: Historical perspective on modern secret intelligence: human and technical means of collection; intelligence analysis; special warfare, including counter-insurgency, counter-terrorism, and psychological operations; and counter-intelligence. Emphasis on the role of secret intelligence in foreign policy and national security, especially in times of war and crisis.	LEC	LE	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3790</b>	<b>History of Sea Power</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3790</b>	<b>History of Sea Power</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3820</b>	<b>History of Russia</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Russian origins, Greek and Mongol influences, expansion of Muscovy, Ivan the Terrible, Peter the Great, Catherine the Great, Russia as great power, and shapes of its 19th-century society.									
A&S	HIST	<b>HIST</b>	<b>3821</b>	<b>Russia: Road to Revolution 1825-1917</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3830</b>	<b>History of Poland, 966-1905</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Poland from earliest times to 1905. The rise of the Piast Polish state, its eastward expansion, conflict and cooperation with the Teutonic knights and German settlers and the union with Lithuania in the 14th- century that created the Polish-Lithuanian Commonwealth. The commonwealth's politics, culture, and multinational make-up, its struggles with its neighbors and partition. Political, social, and cultural life under foreign rule in the 19th- century and the struggle for Polish independence.									
A&S	HIST	<b>HIST</b>	<b>3830</b>	<b>History of Poland, 966-1905</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Poland from earliest times to 1905. The rise of the Piast Polish state, its eastward expansion, conflict and cooperation with the Teutonic knights and German settlers and the union with Lithuania in the 14th- century that created the Polish-Lithuanian Commonwealth. The commonwealth's politics, culture, and multinational make-up, its struggles with its neighbors and partition. Political, social, and cultural life under foreign rule in the 19th- century and the struggle for Polish independence.									
A&S	HIST	<b>HIST</b>	<b>3831</b>	<b>Modern Poland: War, Revolution and Peace from 1905 to the Present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	HIST	<b>HIST</b>	<b>3860</b>	<b>Shakespeare's England, 1450-1603</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.	LEC	EL	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr 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>3860</b>	<b>Shakespeare's England, 1450-1603</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys English history from the Wars of the Roses until the death of Queen Elizabeth I in 1603. During this period, England went from a country ravaged by internal war and depression to one characterized at home by peace, law and order, a rising prosperity, artistic and intellectual excellence, and abroad by war as its people and power spread beyond the shores of the British Isles.	LEC	LE	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr 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> ELIGIBLE GRADES: A-F COURSE DESC: Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.	LEC	EL	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3861</b>	<b>Revolutionary Britain, 1603-1702</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys English history during the reign of the Stuarts. Major themes to be considered include the union of the crowns of England and Scotland and the problems of multiple monarchies; the nascent British empire; the nature of religious life in a post-Reformation world; the often fractious relationship between religion and politics; radicalism during the Civil War and Interregnum and its lasting effects on English political, religious, intellectual, and cultural life; and England's roles on the European and world stages.	LEC	LE	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3862</b>	<b>English History to 1688</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.	LEC	EL	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3862</b>	<b>English History to 1688</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys the social, political, religious, and constitutional history of England from its first settlement until the end of James II's reign. Major topics to be considered include the impact of the Roman, Christian, Viking, and Norman conquests of England; the demographic, social, and political crises of the late medieval period; religious reformation during the 16th- century; and England's relationship to Britain, Europe, and the world.	LEC	LE	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3864</b>	<b>Making Modern Britain, 1702-1815</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.	LEC	EL	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3864</b>	<b>Making Modern Britain, 1702-1815</b> ELIGIBLE GRADES: A-F COURSE DESC: Surveys Britain's history between the War of the Spanish Succession and the end of the Napoleonic Wars. Major themes to be considered include the development of a fiscal-military state; the birth of modern party politics; economic growth and its consequences; the expansion of Britain's world power and the loss of its North American colonies; the place of religious beliefs and institutions in an increasingly polite and commercial society; the pressures for social and political reforms; and the "Second Hundred Years War" with France.	LEC	LE	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									
A&S	HIST	<b>HIST</b>	<b>3865</b>	<b>Churchill's Britain</b> ELIGIBLE GRADES: A-F COURSE DESC: Britain in the 20th- century, focusing on the country's decline from world power: Britain's modern constitution; the onset of trouble before 1914; the experience of two world wars; society and policy between the wars, especially appeasement and its background; postwar developments, including the welfare state, the "special relationship" with the United States, and European integration.	LEC	LE	3	0		N	U30		0
				REQUISITE: Soph or Jr or Sr									

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A&S	HIST	<b>HIST</b>	<b>3866</b>	<b>History and Strategy of the Afghan Wars</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of strategic rivalry in Afghanistan and the borderlands of Central, South, and West Asia. Topics include the geopolitical setting and premodern precedents of contemporary policy; Britain's Afghan Wars and the Great Game of empire in Asia; the interests and influences of Pakistan, Iran, India, and China; the Soviet war of the 1980s and its consequences; and developments since 2001.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3866</b>	<b>History and Strategy of the Afghan Wars</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the history of strategic rivalry in Afghanistan and the borderlands of Central, South, and West Asia. Topics include the geopolitical setting and premodern precedents of contemporary policy; Britain's Afghan Wars and the Great Game of empire in Asia; the interests and influences of Pakistan, Iran, India, and China; the Soviet war of the 1980s and its consequences; and developments since 2001.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3867</b>	<b>Rise of the British Empire</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3867</b>	<b>Rise of the British Empire</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3868</b>	<b>Fall of the British Empire</b> ELIGIBLE GRADES: A-F COURSE DESC: Evaluation of the fate of the British Empire in the 20th- century, focusing on the global impact as well as the process of decolonization. Topics include the question of imperial overstretch; development of the Commonwealth; India's independence; and Britain's withdrawal from its smaller dependencies in Africa, Asia, and the Middle East through the return of Hong Kong to China in 1997.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3869</b>	<b>The Modern English Constitution</b> ELIGIBLE GRADES: A-F COURSE DESC: Emergence of the modern English constitution during 16th- and 17th- centuries: creation and growth of Tudor Constitution; significance of English Reformation for constitution; Tudor Parliament; "Century of Revolution" (1603-1689) and crisis of Constitution; problems of sovereignty and obligation; and constitution today.	LEC	EL	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3869</b>	<b>The Modern English Constitution</b> ELIGIBLE GRADES: A-F COURSE DESC: Emergence of the modern English constitution during 16th- and 17th- centuries: creation and growth of Tudor Constitution; significance of English Reformation for constitution; Tudor Parliament; "Century of Revolution" (1603-1689) and crisis of Constitution; problems of sovereignty and obligation; and constitution today.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3870</b>	<b>European Intellectual and Cultural, 18th-20th-Centuries</b> ELIGIBLE GRADES: A-F COURSE DESC: Intellectual and cultural trends from the Enlightenment to the beginning of the 20th- century. Themes include economic liberalism, philosophical liberalism, revolution, romanticism, nationalism, philosophy of history, Marxism, Nietzsche, racism, Antisemitism, Social Darwinism, interpretive sociology, and comparative history.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3871</b>	<b>European Intellectual and Cultural, 20th-Century</b> ELIGIBLE GRADES: A-F COURSE DESC: Intellectual and cultural currents in 20th- century Europe. Themes include radicalization of intellectual life, Freud and psychoanalysis, fascism, Nazism, Communism, capitalism, feminism, postwar conservatism, post-modernism, collapse of European communism, and fin-de-siecle liberalism.	LEC	LE	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3900</b>	<b>History Through Film</b> ELIGIBLE GRADES: A-F COURSE DESC: Examination of selected topics in the United States, European, or Third World history through films and readings accompanied by lectures and discussion.	LEC	LE	3	6		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3970T</b>	<b>History Tutorial, Third year, Non-thesis</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized tutorial for HTC students only.	TUT	TU	1 to 15	99		I	U30		0
A&S	HIST	<b>HIST</b>	<b>3980T</b>	<b>Honors Tutorial Study, Third Year, Non-thesis</b> ELIGIBLE GRADES: A-F COURSE DESC: Individualized tutorial for HTC students only.	TUT	TU	1 to 15	99		I	U30		0

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A&S	HIST	<b>HIST</b>	<b>4536</b>	<b>Eternal Rome: Power and Piety</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(AH 2110 or CLAR 2120 or HIST 1210) and (CLAS 2240 or 2250 or HIST 3292 or 3531) and Sr only						
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; medieval and Renaissance Rome under papal Rome; and the Fascist excavation and recasting of the ancient city. This course may be offered as an education abroad opportunity.									
A&S	HIST	<b>HIST</b>	<b>4536</b>	<b>Eternal Rome: Power and Piety</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(AH 2110 or CLAR 2120 or HIST 1210) and (CLAS 2240 or 2250 or HIST 3292 or 3531) and Sr only						
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; medieval and Renaissance Rome under papal Rome; and the Fascist excavation and recasting of the ancient city. This course may be offered as an education abroad opportunity.									
A&S	HIST	<b>HIST</b>	<b>4770</b>	<b>Perspectives on the Holocaust: Sources and Interpretation</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Senior and (HIST 3281 or 3681 or HIST 3682 or HIST 3770) and an additional 6 credit hours in History, for a total of 9 credit hours						
		COURSE DESC:		This seminar-style course introduces students to working closely with, researching, and writing and speaking about Holocaust-related sources. After a brief overview of the Nazi period and the Holocaust, discussions focus on five major themes: the diversity of Jewish experience during the Holocaust; gender and the Holocaust; the perspectives of perpetrators and bystanders/enablers; comparisons between diaries and memoirs in order to explore how memory influences understanding of past events; and representations of the Holocaust in literature and the arts since 1945. Students also develop their skills in academic writing, research and textual analysis, and participate in complex debates about past events and their impact on the present.									
A&S	HIST	<b>HIST</b>	<b>4900</b>	<b>Special Topics in History</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>4900</b>	<b>Special Topics in History</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		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>4901</b>	<b>Colloquium in United States History</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	18 Hours in HIST						
		COURSE DESC:		Selected topics in the history of Japan, China or Korea. Readings and reports.									

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A&S	HIST	<b>HIST</b>	<b>4910</b>	<b>History Internship</b>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and HIST major and (Jr or Sr) and 3.0 GPA 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	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required Individualized reading and study in all areas of History.									
A&S	HIST	<b>HIST</b>	<b>4930</b>	<b>Directed Study in History</b>	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	RS	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and HIST 3111J 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>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and HTC Thesis done in last year of History Honors Tutorial program.									
A&S	HIST	<b>HIST</b>	<b>4980T</b>	<b>HTC Thesis Tutorial, Spring Semester</b>	TUT	TU	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and HTC Thesis done in last year of History Honors Tutorial program.									
A&S	HIST	<b>HIST</b>	<b>5000</b>	<b>Atlantic History</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>5000</b>	<b>Atlantic History</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>5002</b>	<b>Colonial British North America</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.									



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A&S	HIST	<b>HIST</b>	<b>5012</b>	<b>Foundations of Modern America: The Gilded Age, 1877-1901</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Business development, labor unrest, nativism and anti-semitism, imperialism, populism, government corruption, Social Darwinism, urban growth, Victorian morality, and Indian wars examined as outgrowths of efforts of American people to adapt to modernization and industrialization in late 19th- century.									
A&S	HIST	<b>HIST</b>	<b>5012</b>	<b>Foundations of Modern America: The Gilded Age, 1877-1901</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Business development, labor unrest, nativism and anti-semitism, imperialism, populism, government corruption, Social Darwinism, urban growth, Victorian morality, and Indian wars examined as outgrowths of efforts of American people to adapt to modernization and industrialization in late 19th- century.									
A&S	HIST	<b>HIST</b>	<b>5018</b>	<b>History of the American South to 1900</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									
A&S	HIST	<b>HIST</b>	<b>5018</b>	<b>History of the American South to 1900</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.									
A&S	HIST	<b>HIST</b>	<b>5020</b>	<b>Survey of American Indian History</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5030</b>	<b>United States in World War II</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		A survey of the evolution, from 1492 to the present, of American attitudes toward and interactions with the natural world, including such topics as the Columbian Exchange, romanticism, the Western frontier, conservation, the "land ethic," and environmental policy in the 1960s and 1970s.									
A&S	HIST	<b>HIST</b>	<b>5081</b>	<b>The Civil War and its Aftermath</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores the diverse individuals and processes that brought about the U.S. Civil War, determined its course and outcome, and shaped a complicated and contested settlement. Themes will include military engagements, expansionism, increased sectionalism, race and slavery, political parties, society and institutions in the Union and Confederacy, attempts to restructure Southern society, and developments at the national level in the post-war period.									
A&S	HIST	<b>HIST</b>	<b>5090</b>	<b>American Constitutional History, Part 1: Origins to Reconstruction</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Traces the history of American constitutionalism from its English roots through the aftermath of the Civil War. While the purview is not restricted to the federal constitution, that document will form its chief focus. Ideas, institutions, and individuals responsible for the construction of America's unique constitutional heritage are studied in detail.									
A&S	HIST	<b>HIST</b>	<b>5095</b>	<b>American Constitutional History, 1880s-Present</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Studies the history of American Constitutionalism from the last half of the 19th- century to the last half of the 20th. Concentration on the Federal Constitution and its role in shaping the public and private lives of Americans. Particular attention will be paid to the ideas, institutions, and individuals responsible for making the Constitution a battleground rife with intellectual, social, and cultural significance.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>HIST</b>	<b>5100</b>	<b>Emergence of the Modern United States: Progressive Era and Roaring Twenties</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5100</b>	<b>Emergence of the Modern United States: Progressive Era and Roaring Twenties</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on political and cultural history. Major topics include "crisis" of the 1890s; early 20th-century progressivism as an intellectual movement and its manifestations in state and local politics and legal traditions; presidencies of Theodore Roosevelt and Woodrow Wilson; impact of World War I; origins of mass society in the 1920s, including cultural tensions, political and intellectual history.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5102</b>	<b>Age of FDR: The United States during the Great Depression and World War II</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Great Depression; Franklin D. Roosevelt and the emergence of the modern presidency; political and intellectual character of the New Deal; origins and impact of American involvement in World War II; wartime military history, diplomacy, and politics.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5102</b>	<b>Age of FDR: The United States during the Great Depression and World War II</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Great Depression; Franklin D. Roosevelt and the emergence of the modern presidency; political and intellectual character of the New Deal; origins and impact of American involvement in World War II; wartime military history, diplomacy, and politics.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5104</b>	<b>United States, 1945-Present</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5104</b>	<b>United States, 1945-Present</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Emphasis on politics, culture, and foreign policy. Major topics include origins and nature of the Cold War; impact of foreign involvements on American politics; political leadership in the media age; radicalism and social change in the '60s and '70s; the rise of cultural politics and its effect on economic-based political coalitions; resurgence of conservatism in the '70s and '80s.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5106</b>	<b>History of American Conservatism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5106</b>	<b>History of American Conservatism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Introduces students to the intellectual, political, and cultural history of conservatism in the United States, with a major focus on the twentieth century. Identifies and examines the theorists, journalists, economists, politicians, literary figures, and activists who built a coherent body of conservative ideas and a political movement to challenge the prevailing liberal orthodoxy of the post-New Deal era. Highlights the major philosophical themes and practical aims that animated this diverse set of historical actors and often set them at odds with one another: preserving the values, traditions, and institutions that sustained local communities and the nation's constitutional order; maximizing individual liberty in an economic and social context; opposing various forms of collectivism and the encroachment of state power; fighting communism at home and abroad.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5110</b>	<b>History of Public Health Disasters</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	EL	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5110</b>	<b>History of Public Health Disasters</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The class examines the history of public health in the United States through the study of salient public health disasters and explores the following questions: What has been the historic impact of public health disasters on societal attitudes toward disease, disease causation, and the treatment of disease? How do public health disasters prompt change in public and private life? Topics to be considered include the historical significance of virgin soil epidemics, yellow fever, small pox, cholera, bubonic plague, influenza, polio, vitamin-deficiency diseases, milk-borne and water-borne diseases, infant mortality, maternal mortality, tobacco use, HIV/AIDS, medical treatment as a health threat, and global warming.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5112</b>	<b>United States in Urban History</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the influence of cities, suburbs, and exurbs on American economics, politics, and society.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5112</b>	<b>United States in Urban History</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the influence of cities, suburbs, and exurbs on American economics, politics, and society.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5118</b>	<b>Art and History: 1950s and 1960s</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5118</b>	<b>Art and History: 1950s and 1960s</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5140</b>	<b>Pop/High Culture in 20th Century America</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5140</b>	<b>Pop/High Culture in 20th Century America</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the history of popular and high culture, as well as their intersection, during the 20th- century, with special emphasis on the post-war years (1945 onwards). Moves chronologically and focus on works that include painting (from realism to popism), music (the rise of jazz and rock n' roll), literature (both popular and highbrow), humor (including standup), and movies. Cultural developments will be studied in their historical context and related to politics and society.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5143</b>	<b>American Social and Cultural History, 1820-1890</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Social life, work roles, and gender and family relations in Victorian America. Special focus on urban life, religion and reform, romanticism, life in the slave South, and beliefs and reality about social mobility.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5143</b>	<b>American Social and Cultural History, 1820-1890</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Social life, work roles, and gender and family relations in Victorian America. Special focus on urban life, religion and reform, romanticism, life in the slave South, and beliefs and reality about social mobility.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5144</b>	<b>US Social History in the 20th century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5144</b>	<b>US Social History in the 20th century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Social life, work, and gender and family roles in 20th- century America. Special focus on everyday life in the 1920s and during the Depression, experiences and responses to World War II and the Vietnam War, families and mass culture of the 1950s and 60s, and the development of environmentalism.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5146</b>	<b>American Ideas, 20th-Century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: A study of big ideas in the American past. Moves chronologically from the Progressive Era up to the present while examining themes that include liberalism, conservatism, democracy, secularization, the role of religion in American life, theology, the threat of totalitarianism abroad, the rise of postmodernism and relativism, and other key issues. Ideas will be explored in historical context and related to key events and developments.	LEC	LE	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5148</b>	<b>Cultural Rebels in the Modern U.S.</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the history of cultural rebellion (or radicalism) in the 20th- century. Surveys rebellion from Greenwich Village at the turn of the century to the punk rock explosion of the 1970s and '80s. Larger questions include: How do people rebel in a culture that often seems to embrace rebellion? How do cultural rebels communicate their anger to the wider society? What impact does cultural rebellion make in American history?	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5150</b>	<b>Survey of African American History</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Survey of African American History from the middle passage to the present. The development of African society in the American diaspora. Different societies under slavery. The abolitionist movement with the role of Black abolitionists. The Civil War and its impact on slavery. Examines the interaction between the African American community and the larger society. Reconstruction and its impact; the wars of the 20th- century and their continuing effects on African Americans, migration to the North, the Civil Rights movement, and the problems of equality.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5160</b>	<b>History of U.S. Involvement in World Affairs, 1776-1898</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in world affairs from the Revolutionary War to the Spanish-American War, with an emphasis on territorial and commercial expansion and the emergence of the United States as a world power.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5160</b>	<b>History of U.S. Involvement in World Affairs, 1776-1898</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in world affairs from the Revolutionary War to the Spanish-American War, with an emphasis on territorial and commercial expansion and the emergence of the United States as a world power.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in world affairs from the Spanish-American War through the end of World War II, with particular emphasis on the emergence of the United States as a superpower. In addition to analyzing U.S. policies, it will also give attention to nongovernmental organizations and actors.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5190</b>	<b>Graduate Survey in US History, 1607 to 1877</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5190</b>	<b>Graduate Survey in US History, 1607 to 1877</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5191</b>	<b>Graduate Survey in US History, 1877 to the present</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5191</b>	<b>Graduate Survey in US History, 1877 to the present</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5200</b>	<b>Women in American History Before 1877</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5201</b>	<b>Women in American History Since 1877</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5202</b>	<b>Women's Health and Medicine in U.S. History</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5211</b>	<b>American Military History, 1600-Present</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5211</b>	<b>American Military History, 1600-Present</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5213</b>	<b>War, Violence, Modernity</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5213</b>	<b>War, Violence, Modernity</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5214</b>	<b>Military History of the Civil War</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The military aspects of the U.S. Civil War and the reasons for success and victory. Relationship between battles, soldier morale, and the homefront. Political, economic, social, and cultural aspects of the war which shaped its military course and outcome. Also the roles of individual men and women, White and Black.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5214</b>	<b>Military History of the Civil War</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The military aspects of the U.S. Civil War and the reasons for success and victory. Relationship between battles, soldier morale, and the homefront. Political, economic, social, and cultural aspects of the war which shaped its military course and outcome. Also the roles of individual men and women, White and Black.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5220</b>	<b>1960s in U.S.: Decade of Controversy</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5220</b>	<b>1960s in U.S.: Decade of Controversy</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5224</b>	<b>The 1980s in the U.S.: The Age of Reagan and Madonna</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5230</b>	<b>Latin American History: The Colonial Era</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5231</b>	<b>Latin American History: From Independence to the Present</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5232</b>	<b>History of Brazil</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5233</b>	<b>The History of Modern Mexico</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5250</b>	<b>History of U.S.- Latin American Relations</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5270</b>	<b>Slavery in the Americas</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5280</b>	<b>Jewish History to 1492</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Explores the emergence of the ancient Hebrews, the first monotheistic people, whose religion fundamentally transformed life in the ancient near east. We will compare and contrast the Jewish encounter with the great civilizations of the pre-modern era, including the Roman Empire, the world of Islam, and Catholic Europe. As the Jewish people migrated to distant lands ¿ to Persia, to North Africa, to Spain, and to Poland ¿ their customs and values evolved to meet the needs of their new environments. Jewish life before modernity was characterized by its great diversity. Yet amidst this great diversity the Jews always possessed a sense of unity, sustained by their religion and by the cherished memory of their mythic origins in the Biblical days of the Patriarchs and the Prophets.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5281</b>	<b>Jewish History Since 1492</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>HIST</b>	<b>5290</b>	<b>Ancient Egypt and Mesopotamia</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5292</b>	<b>Ancient Rome</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	8		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>5333</b>	<b>Europe in the Middle Ages, 1000-1350</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Islamic history and civilization from the rise of Islam to the end of the 15th- century. Includes discussion of establishment of Islam, development and spread of Muslim rule, medieval caliphates and their cultural achievements, Mongol invasions, crusades, and contributions of Arabs, Persians, and Turks to Islamic civilization.									
A&S	HIST	<b>HIST</b>	<b>5371</b>	<b>Middle East History 1500 to the present</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Islamic history and civilization during the period of the great "gunpowder empires." Includes discussion of Turko-Mongol background, role of Tamerlane; origins of Ottomans, Safavids, and Mughals; military organization, kingship, "harlem politics," cultural developments, and decline and transformation of these great empires. Themes covered in modern period include break-up of Ottoman empire, rise of nationalism, Arab-Israeli dispute, Iranian revolution, and late 20th- century Islamic revivalist movements									

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A&S	HIST	<b>HIST</b>	<b>5372X</b>	<b>The Arab Uprisings in Historical Perspectives</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		This course provides an exploration of the history of mass politics in the modern Arab Middle East. In doing so, it familiarizes students with some of the historical literature on mass politics, different historical periods of the management of popular politics in the Arab Middle East, and the various types of mass movements that have emerged throughout the modern history of the region. It will conclude with consideration of the Arab uprisings, paying particular attention to how they differ from one another, how they echo and/or depart from previous historical periods of mass mobilization, and how the historical scholarship of the modern Middle East can better help make sense of them. This course thus draws on the historiography of the modern Middle East to place the Arab uprisings in historical perspective. The course 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. Despite their varied geographic, colonial, and sociopolitical legacies, the majority of contemporary states in the Arab Middle East can be said to have coalesced around a particular macro-trajectory of managing mass politics. Similarly, mass-based movements in these different countries have shared broad commonalities in terms of professed ideologies and forms of organization. Yet at the same time, the demographic, institutional, and strategic differences within these states have produced both differences in the specificities of these movements as well as differential manifestations of what scholars and commentators have come to call the "Arab Spring."									
A&S	HIST	<b>HIST</b>	<b>5380</b>	<b>History of West Africa</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		History of West Africa from early times to present; peopling of sudanic and forest regions; development of trade; Islam and rise of sudanic empires; slave trade and forest states; colonial era; independence movements; problems of nationalism.									
A&S	HIST	<b>HIST</b>	<b>5381</b>	<b>History of East Africa</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		History of East Africa from early times to present, with particular emphasis on period since 1750. Although neighboring countries also are studied, greatest attention is paid to the region that comprises present-day Kenya, Uganda, and Tanzania.									
A&S	HIST	<b>HIST</b>	<b>5390</b>	<b>Women in African History</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Will examine the variety of women's experiences and contributions to African history. Using examples from across the continent and different chronological periods, topics to be addressed include women's social, economic, and political roles and opportunities and changes over time and place; women's labor, including slavery; and debates concerning economic production vs. biological reproduction, the gendered division of labor, the control of women, and women's exploitation of women.									
A&S	HIST	<b>HIST</b>	<b>5400</b>	<b>African Intellectual History</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Studies the interaction of ideas and concepts with their social environment and shows how ideas in the sciences, humanities, and arts interact with social realities. Will examine the development of various ideas in different African historical and cultural contexts. Discussions will address the question "What does it mean to be human?" and the various answers to that question that different African civilizations have developed over time.									
A&S	HIST	<b>HIST</b>	<b>5410</b>	<b>History of Africa to 1850</b>	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, and slavery.									
A&S	HIST	<b>HIST</b>	<b>5411</b>	<b>History of Africa Since 1850</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, slavery, European imperialism and colonialism, African nationalism, and independence.									
A&S	HIST	<b>HIST</b>	<b>5420</b>	<b>History of South Africa</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Establishment and transformation of African societies (Bantu migrations); coming of Europeans; evolution of Cape society (Black, White, Colored); conflicting nationalisms; Great Trek; rise of Zulu kingdom and the Mfecane; mineral revolution and subjection of African chiefdoms; British imperialism and coming of South African (Boer) War.									
A&S	HIST	<b>HIST</b>	<b>5440</b>	<b>History of Vietnam</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Modern Vietnamese civilization since 15th- century, emphasizing political and social change after 1800.									



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A&S	HIST	<b>HIST</b>	<b>5450</b>	<b>Southeast Asia to c. 1750: The Creative Synthesis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5451</b>	<b>Southeast Asia, c. 1750 to 1945: Change and Conflict</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5452</b>	<b>Southeast Asia, 1945 to the Present: The Search for Stability</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5460</b>	<b>Ancient China</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Traces the evolution of the Chinese cultural norms from protohistory through the Qin to the Song dynasty, a period of some 3,000 years. The writing of the philosophical classics, the creation of literary and artistic models, and the development of the imperial governmental institutions made this China's Golden Age.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5461</b>	<b>Imperial China: 1200-1911</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Surveys the middle period between ancient and modern China; from the 1200s, when the Mongol Empire rose to conquer the Song, through to the maturation of Chinese civilization in the Ming/Qing to the decline of the imperial state in the 19th- century. Emphasis on social ideas and cultural achievements.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5462</b>	<b>Modern China Since 1911</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The past century of revolutions, beginning with the overthrow of the Qing in 1911. From a disintegrated state with warlords, China experienced the Kuomintang's National Revolution, war with Japan and the victory of the Chinese Communist Party. This was followed by the turbulence of, Mao Zedong's political movements, and post-Mao economic reforms aimed at working to make China once again strong and prosperous.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5463</b>	<b>History of China from Antiquity to the Early Modern Era</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5463</b>	<b>History of China from Antiquity to the Early Modern Era</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5464</b>	<b>History of China from the Early Modern Era to the Present</b> ELIGIBLE GRADES: A-F 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.	DIS	DI	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5464</b>	<b>History of China from the Early Modern Era to the Present</b>	DIS	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		WARNING: no credit for both this course and the following: HIST 5462 The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	<b>HIST</b>	<b>5464</b>	<b>History of China from the Early Modern Era to the Present</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		WARNING: no credit for both this course and the following: HIST 5462 The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	<b>HIST</b>	<b>5464</b>	<b>History of China from the Early Modern Era to the Present</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		WARNING: no credit for both this course and the following: HIST 5462 The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.									
A&S	HIST	<b>HIST</b>	<b>5480</b>	<b>Traditional Japan</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.									
A&S	HIST	<b>HIST</b>	<b>5481</b>	<b>Modern Japan</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.									
A&S	HIST	<b>HIST</b>	<b>5501</b>	<b>Nature, Science and Religion to 1800</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	<b>HIST</b>	<b>5501</b>	<b>Nature, Science and Religion to 1800</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Overview of the history of science from the ancient world to the 17th- century. Examines areas of knowledge and technique most modern people consider to be a part of science, and some they do not, including medicine, astronomy, construction, mining, navigation, and warfare. Considers how politics, economy, gender, and religion affected the development of these technologies and sciences.									
A&S	HIST	<b>HIST</b>	<b>5520</b>	<b>Roman Law &amp; Society</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5531</b>	<b>The Barbarian West: Europe 400-1000</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Foundation of Medieval synthesis, 300-1100; collapse of Roman world, establishment of successor states, spread of Christianity, formation and development of European culture.									
A&S	HIST	<b>HIST</b>	<b>5531</b>	<b>The Barbarian West: Europe 400-1000</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Foundation of Medieval synthesis, 300-1100; collapse of Roman world, establishment of successor states, spread of Christianity, formation and development of European culture.									
A&S	HIST	<b>HIST</b>	<b>5532</b>	<b>History of the Crusades</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Graduate Status Surveys the major European crusades to the Middle East, with comparison to the Albigensian, Iberian, and Baltic crusades. Focuses on the interaction and perspective of the different Christian, Jewish, and Muslim communities, and the impact of crusading ideology on western history.									

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A&S	HIST	<b>HIST</b>	<b>5536</b>	<b>Medieval Rome: Piety and Power</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; Rome under Gothic, Byzantine, Carolingian rule; the medieval city around the first Jubilee in 1300; Renaissance Rome, and the fascist rebuilding of the city.									
A&S	HIST	<b>HIST</b>	<b>5536</b>	<b>Medieval Rome: Piety and Power</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; Rome under Gothic, Byzantine, Carolingian rule; the medieval city around the first Jubilee in 1300; Renaissance Rome, and the fascist rebuilding of the city.									
A&S	HIST	<b>HIST</b>	<b>5540</b>	<b>History of Early Christianity</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Investigates historical development and spread of Christianity from its origins to about A.D. 600. Content includes Greek and Hebraic backgrounds, early church fathers of East and West, ecumenical councils, early heresies, and development of church doctrine.									
A&S	HIST	<b>HIST</b>	<b>5541</b>	<b>Medieval Christianity: Church and Society</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	<b>HIST</b>	<b>5541</b>	<b>Medieval Christianity: Church and Society</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Historical developments within Christian society between 5th- and 14th- centuries, with special focus on western Europe and the church of Rome. Includes the inner financial and legal workings of the church; monks as reformers and representatives of the papacy; heresy, mysticism, and the problem of uncovering popular devotion; the importance of gender in shaping religious theory and practice; cooperation and conflict between religious leaders and worldly rulers. Along with a textbook, students read, analyze, and discuss original source material in translation.									
A&S	HIST	<b>HIST</b>	<b>5542</b>	<b>The European Reformation</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	<b>HIST</b>	<b>5542</b>	<b>The European Reformation</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Protestant, Catholic, and Counter-Reformations in Europe, showing their relationships to social, political, economic, and religious movements of 15th- and 16th- centuries. Roles of Luther, Zwingli, Calvin, Erasmus, Loyola, etc.; Protestant and Catholic churches and sects in western and eastern Europe.									
A&S	HIST	<b>HIST</b>	<b>5543</b>	<b>Modern Christianity</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores the modern history of the world's largest and most geographically diverse religious tradition. While primarily considering modern Christianity's Euro-American "heartlands" this class will also examine Christianity's transition during the modern period from a religion centered on Europe, its colonies and settlements to a global religion that has helped shape and define modernity.									
A&S	HIST	<b>HIST</b>	<b>5543</b>	<b>Modern Christianity</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Explores the modern history of the world's largest and most geographically diverse religious tradition. While primarily considering modern Christianity's Euro-American "heartlands" this class will also examine Christianity's transition during the modern period from a religion centered on Europe, its colonies and settlements to a global religion that has helped shape and define modernity.									
A&S	HIST	<b>HIST</b>	<b>5555</b>	<b>Women in Medieval Europe</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Graduate Status						
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									
A&S	HIST	<b>HIST</b>	<b>5555</b>	<b>Women in Medieval Europe</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Graduate Status						
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.									

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A&S	HIST	<b>HIST</b>	<b>5560</b>	<b>The Italian Renaissance</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5562</b>	<b>Muslims, Christians, and Jews in the History of Medieval Spain</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b> ELIGIBLE GRADES: A-F, 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 "revoltuions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b> ELIGIBLE GRADES: A-F, 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 "revoltuions" in world-view, religion, social structure, politics and science/medicine in Europe.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5581</b>	<b>Politics, Power and People in Europe, 1650-1775</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5581</b>	<b>Politics, Power and People in Europe, 1650-1775</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5600</b>	<b>Women in Early Modern European History, 1400-1800</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5601</b>	<b>Women in Modern European History, 1800-present</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Will explore the role of women in western European society from the French Revolution to the present. In addition to examining how women have affected and been influenced by social, cultural, and political currents, we will investigate the place of women in historical literature, and how this role has changed over time. Of interest will be key individuals and women's groups, as well as a more general consideration of women's (and men's) everyday lives. Through lectures, discussions, and assignments, we will be particularly attentive to questions of how best to view women as part of a larger historical narrative as the field of women's and gender history relates to trends not only in the field of history but also in domestic and political developments, including women's movements, arguments about gender and sexuality,	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5610</b>	<b>The French Revolution</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the origins, course of events, and significance of the experience of the French Revolution, which has traditionally been seen as the dividing line separating the Old Regime from modern times.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5610</b>	<b>The French Revolution</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the origins, course of events, and significance of the experience of the French Revolution, which has traditionally been seen as the dividing line separating the Old Regime from modern times.	LEC	LE	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5620</b>	<b>Europe, 1814-1914</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Europe from Congress of Vienna to the First World War, including growth of liberalism and nationalism, revolutions of 1830 and 1848, Industrial Revolution, unification of Italy and Germany, social and intellectual movements. Development of Austria-Hungary, France, Italy, Germany, Great Britain, and Russia, including imperialism, background of WWI, and social and intellectual movements.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5640</b>	<b>Europe Between World Wars, 1919-1939</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Fascism, Communism, World Depression, and 20-Year Armistice between 1919 and 1939. Economic and cultural approach.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5641</b>	<b>Contemporary Europe</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Will consider key themes in the history of postwar Europe. We will explore Europe's division and ethnic cleansing in 1945, efforts of pan-European State Socialist and Atlanticist integration, Europe's imperial/colonial struggles and cultural-religious transformations. We will also consider the impact of the collapse of the Soviet Empire in Europe and the emergence of newly independent states in former Soviet spaces as well as the wars of Yugoslav disintegration and European integration. We will conclude with a survey of current issues in European political, cultural, and social life.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5650</b>	<b>The Problem of Church and State in European History</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Devoted to the problem of the relationship between political and religious institutions and its impact on the course of European history. We will focus on four specific periods: 1) The High Middle Ages (1000-1300); 2)The Reformation; 3) The Age of Revolution; and 4) the 20th- century.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5650</b>	<b>The Problem of Church and State in European History</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Devoted to the problem of the relationship between political and religious institutions and its impact on the course of European history. We will focus on four specific periods: 1) The High Middle Ages (1000-1300); 2)The Reformation; 3) The Age of Revolution; and 4) the 20th- century.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5660</b>	<b>History of France in the 19th- Century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Rise and fall of Napoleon; his impact on France and Europe; monarchist interlude; revolution of 1848 and election of Louis Napoleon; Second Empire, liberal and authoritarian; wars and transformation of Europe; fall of Napoleon and Paris Commune; Third Republic.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5661</b>	<b>Modern France in the 20th- Century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Dynamic and stagnant aspects; nostalgia and rejection of 20th- century; impact of 20th- century; democracy in France; European and colonial wars; communist movement from Popular Front to Common Program; anti-communism in France; French in changing world; De Gaulle, his predecessors, and his successors.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5680</b>	<b>Germany in the 19th- Century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Cosmopolitanism and movement to create national German state; rise of capitalism and decline of handicraft; liberation of German peasantry; revolution of 1848 and reaction; blood-and-iron chancellor; Germany's rise to European predominance; rise of worker movement; German society at turn of century.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5681</b>	<b>Modern Germany in the 20th Century</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Germany on eve of WWI; military fiasco and creation of Weimar Republic; Weimar, Berlin, Munich, and Dresden; attempt to forge democracy; Third Reich and transformation of German society; WWII and Final Solution; Communist Germany and Federal Germany; two societies and two states since 1945; unified Germany since 1990.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5682</b>	<b>Nazi Germany</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Rise of Hitler to 1933; Hitler takeover; totalitarianization of Germany; Nazi foreign policy; WWII: Hitler's war on Jews; Hitler's fall; meaning of fascism.	LEC	LE	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5683</b>	<b>Germany between East and West since 1945</b> ELIGIBLE GRADES: A-F, PR 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	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5683</b>	<b>Germany between East and West since 1945</b> ELIGIBLE GRADES: A-F, PR 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	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5683</b>	<b>Germany between East and West since 1945</b> ELIGIBLE GRADES: A-F, PR 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	SEM	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5683</b>	<b>Germany between East and West since 1945</b> ELIGIBLE GRADES: A-F, PR 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	SEM	SE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5715</b>	<b>Sex, Crime and Deviance in Europe, 1200-1800</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5730</b>	<b>Making of the Balkans 1354 - 1908</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the history of the Balkans from the rise of the Ottoman Empire to the beginnings of the Ottoman collapse. We will study the Ottoman conquests and the creation of Ottoman institutions in the Balkans, collaboration and resistance to Ottoman rule among Balkan peoples, the region's social, cultural, and religious development as well as the fate of the Balkan peoples and states caught between Ottoman, Hapsburg and Russian efforts at imperial expansion. We will conclude by considering the rise of Balkan nationalism after 1800, the growth of great power intervention, as well as the efforts of the Greek, Romanian, Serb, an Bulgarian people at state-building.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5730</b>	<b>Making of the Balkans 1354 - 1908</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines the history of the Balkans from the rise of the Ottoman Empire to the beginnings of the Ottoman collapse. We will study the Ottoman conquests and the creation of Ottoman institutions in the Balkans, collaboration and resistance to Ottoman rule among Balkan peoples, the region's social, cultural, and religious development as well as the fate of the Balkan peoples and states caught between Ottoman, Hapsburg and Russian efforts at imperial expansion. We will conclude by considering the rise of Balkan nationalism after 1800, the growth of great power intervention, as well as the efforts of the Greek, Romanian, Serb, an Bulgarian people at state-building.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5731</b>	<b>Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5740</b>	<b>European Strategy &amp; Diplomacy 1815-1914</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Diplomatic and strategic history from Congress of Vienna to WWI, including age of Metternich, Italian and German unification, new imperialism, and prewar alliances and alignments.									
A&S	HIST	<b>HIST</b>	<b>5741</b>	<b>Origins of World War II, 1914-1941</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5742</b>	<b>The Cold War, 1941-1989</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5750</b>	<b>World War I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>5790</b>	<b>History of Sea Power</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>5820</b>	<b>History of Russia</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>5830</b>	<b>History of Poland, 966-1905</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Poland from earliest times to 1905. The rise of the Piast Polish state, its eastward expansion, conflict and cooperation with the Teutonic knights and German settlers and the union with Lithuania in the 14th- century that created the Polish-Lithuanian Commonwealth. The commonwealth's politics, culture, and multinational make-up, its struggles with its neighbors and partition. Political, social, and cultural life under foreign rule in the 19th- century and the struggle for Polish independence.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5830</b>	<b>History of Poland, 966-1905</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Poland from earliest times to 1905. The rise of the Piast Polish state, its eastward expansion, conflict and cooperation with the Teutonic knights and German settlers and the union with Lithuania in the 14th- century that created the Polish-Lithuanian Commonwealth. The commonwealth's politics, culture, and multinational make-up, its struggles with its neighbors and partition. Political, social, and cultural life under foreign rule in the 19th- century and the struggle for Polish independence.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5831</b>	<b>Modern Poland: War, Revolution and Peace from 1905 to the Present</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5840</b>	<b>Ethnic Cleansing in Modern European History</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5860</b>	<b>Shakespeare's England, 1450-1603</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5860</b>	<b>Shakespeare's England, 1450-1603</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5861</b>	<b>Revolutionary Britain, 1603-1702</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5861</b>	<b>Revolutionary Britain, 1603-1702</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5863</b>	<b>English History to 1688</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0



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A&S	HIST	<b>HIST</b>	<b>5863</b>	<b>English History to 1688</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5864</b>	<b>Making Modern Britain, 1702-1815</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5864</b>	<b>Making Modern Britain, 1702-1815</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5865</b>	<b>Churchill's Britain</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5866</b>	<b>History and Strategy of the Afghan Wars</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5866</b>	<b>History and Strategy of the Afghan Wars</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5867</b>	<b>Rise of the British Empire</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.	LEC	EL	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5867</b>	<b>Rise of the British Empire</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5868</b>	<b>Fall of the British Empire</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Evaluation of the fate of the British Empire in the 20th- century, focusing on the global impact as well as the process of decolonization. Topics include the question of imperial overstretch; development of the Commonwealth; India's independence; and Britain's withdrawal from its smaller dependencies in Africa, Asia, and the Middle East through the return of Hong Kong to China in 1997.	LEC	LE	4	0		N	G50		0
A&S	HIST	<b>HIST</b>	<b>5870</b>	<b>European Intellectual and Cultural, 18th-20th-Centuries</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Intellectual and cultural trends from the Enlightenment to the beginning of the 20th- century. Themes include economic liberalism, philosophical liberalism, revolution, romanticism, nationalism, philosophy of history, Marxism, Nietzsche, racism, Antisemitism, Social Darwinism, interpretive sociology, and comparative history.	LEC	LE	4	0		N	G50		0

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A&S	HIST	<b>HIST</b>	<b>5871</b>	<b>European Intellectual and Cultural, 20th-Century</b> ELIGIBLE GRADES: COURSE DESC:	LEC	LE	4	0		N	G50		0
				A-F, PR REQUISITE: 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> ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	G50		0
				A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>5900</b>	<b>Special Topics in History</b> ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	G50		0
				A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>6000</b>	<b>Seminar in United States History</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, PR REQUISITE: Topics and research in U.S. history.									
A&S	HIST	<b>HIST</b>	<b>6100</b>	<b>Seminar in Latin American History</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, CR, PR REQUISITE: 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> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, PR REQUISITE: Research and scholarship in African history.									
A&S	HIST	<b>HIST</b>	<b>6400</b>	<b>Seminar: Southeast Asia</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, PR REQUISITE: Research and historiography of Southeast Asian history.									
A&S	HIST	<b>HIST</b>	<b>6500</b>	<b>Seminar in East Asian History</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, PR REQUISITE: Study and research in the history of East Asia									
A&S	HIST	<b>HIST</b>	<b>6600</b>	<b>Seminar in European History</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	8		N	G50		0
				A-F, PR REQUISITE: Research in European history.									
A&S	HIST	<b>HIST</b>	<b>6700</b>	<b>Learning and Teaching World History for Graduate Students</b> ELIGIBLE GRADES: COURSE DESC:	SEM	SE	4	0		N	G50		0
				A-F, PR REQUISITE: 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> ELIGIBLE GRADES: COURSE DESC:	LEC	EL	1 to 15	999		N	G50		0
				A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>6900</b>	<b>Special Topics in History</b> ELIGIBLE GRADES: COURSE DESC:	LEC	LE	1 to 15	999		N	G50		0
				A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>6901</b>	<b>Colloquium in United States History</b> ELIGIBLE GRADES: COURSE DESC:	SEM	EL	4	20		N	G50		0
				A-F, PR REQUISITE: Literature and source materials in United States history. Readings and reports.									

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A&S	HIST	<b>HIST</b>	<b>6901</b>	<b>Colloquium in United States History</b>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 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>	SEM	EL	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 COURSE DESC: Literature and source materials in Latin American history. Readings and reports.									
A&S	HIST	<b>HIST</b>	<b>6902</b>	<b>Colloquium in Latin American History</b>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 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>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 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>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 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>	SEM	EL	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 COURSE DESC: Literature and source materials in Middle Eastern History. Readings and reports.									
A&S	HIST	<b>HIST</b>	<b>6905</b>	<b>Colloquium in Middle Eastern History</b>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 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>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 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>	SEM	SE	4	20		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Max repeat hours up to 20 COURSE DESC: Selected topics in the history of Japan, China or Korea. Readings and reports.									
A&S	HIST	<b>HIST</b>	<b>6930</b>	<b>Directed Study in History</b>	IND	IS	1 to 6	20		I	G50		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	THE	TH	1 to 16	200		I	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Writing of a Master's thesis.									
A&S	HIST	<b>HIST</b>	<b>8900</b>	<b>Special Topics in History</b>	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>8900</b>	<b>Special Topics in History</b>	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	HIST	<b>HIST</b>	<b>8930</b>	<b>Independent Study</b>	IND	IS	1 to 15	20		I	G50		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	THE	TH	1 to 16	200		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Writing of doctoral dissertation.									
A&S	HIST	<b>JS</b>	<b>1000</b>	<b>Introduction to Jewish Studies</b>	LEC	EL	3	0	2HL	N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Introduces Jewish culture, history and politics. We will examine how the Jewish people and their religion emerged in Biblical times, and how Jewish culture has evolved and flourished for 3,000 years. We will look at the many varieties of "Jewishness," as well as the impact the Jews have had on their non-Jewish neighbors. Students will learn about largely unrecognized aspects of Jewish culture. From Christianity to communism, from American humor and music, the Jews have bequeathed a rich and diverse heritage to humanity.									

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A&S	HIST	<b>JS</b>	<b>1000</b>	<b>Introduction to Jewish Studies</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>2100</b>	<b>History of Jewish Humor</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	HIST	<b>JS</b>	<b>2900</b>	<b>Special Topics in Jewish Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		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>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4070</b>	<b>Sin and Sex in Western Legal History</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4100</b>	<b>The Intellectual Origins of the American Revolution</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	DIS	DI	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>T3</b>	<b>4104</b>	<b>God and Science in the Western World</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4104</b>	<b>God and Science in the Western World</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4115</b>	<b>Ancient East Asian Ideas and the Contemporary World</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr only						
		COURSE DESC:		The ideas of ancient East Asian philosophers, thinkers, and mystics offer us surprising insights into life in the 21st century. In this interdisciplinary course, we read and discuss the foundational texts of the East Asian tradition (including, but not limited to, the classic works of Confucianism, Daoism, and Buddhism). We look at these writings as historical documents which need to be placed in the context of their times, as creative works to be analyzed as literature, and as living philosophical texts which contain ideas that (potentially) resonate with our own lives.									
A&S	HIST	<b>T3</b>	<b>4115</b>	<b>Ancient East Asian Ideas and the Contemporary World</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr only						
		COURSE DESC:		The ideas of ancient East Asian philosophers, thinkers, and mystics offer us surprising insights into life in the 21st century. In this interdisciplinary course, we read and discuss the foundational texts of the East Asian tradition (including, but not limited to, the classic works of Confucianism, Daoism, and Buddhism). We look at these writings as historical documents which need to be placed in the context of their times, as creative works to be analyzed as literature, and as living philosophical texts which contain ideas that (potentially) resonate with our own lives.									
A&S	HIST	<b>T3</b>	<b>4130</b>	<b>Philosophy of History</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	One course in (HIST or PHIL) and Sr only						
		COURSE DESC:		History is the study of the past and the past itself. It also is how we remember and tell about the past. Will explore different approaches to history. Narrative, or story-telling, remains the oldest and still most common way of describing the past. But alternatives are to be found, not only among professional historians, but artists and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of philosophers, who then have influenced historians. Selected readings, films, and occasional lectures will accompany class discussion. Students will draw on this material to complete a final project, usually a long essay, on the philosophy of history.									
A&S	HIST	<b>T3</b>	<b>4130</b>	<b>Philosophy of History</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	One course in (HIST or PHIL) and Sr only						
		COURSE DESC:		History is the study of the past and the past itself. It also is how we remember and tell about the past. Will explore different approaches to history. Narrative, or story-telling, remains the oldest and still most common way of describing the past. But alternatives are to be found, not only among professional historians, but artists and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of philosophers, who then have influenced historians. Selected readings, films, and occasional lectures will accompany class discussion. Students will draw on this material to complete a final project, usually a long essay, on the philosophy of history.									
A&S	HIST	<b>T3</b>	<b>4140</b>	<b>Slavery: 1400 to the present</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	HIST	<b>T3</b>	<b>4140</b>	<b>Slavery: 1400 to the present</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				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>4150</b>	<b>Michelangelo</b>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Using the life and times of this famous artist to understand the culture and civilization of Italy in the Renaissance.									
A&S	HIST	<b>T3</b>	<b>4150</b>	<b>Michelangelo</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Using the life and times of this famous artist to understand the culture and civilization of Italy in the Renaissance.									
A&S	HIST	<b>T3</b>	<b>4160</b>	<b>Gender in the Renaissance</b>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				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>4160</b>	<b>Gender in the Renaissance</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.									
A&S	HIST	<b>T3</b>	<b>4820</b>	<b>Art and History: 1950s and 1960s</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.									

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

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	INST	<b>ZULU</b>	<b>2110</b>	<b>Intermediate Zulu I</b>	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ZULU 1120									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>2110</b>	<b>Intermediate Zulu I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ZULU 1120									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>2120</b>	<b>Intermediate Zulu II</b>	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ZULU 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 Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>2120</b>	<b>Intermediate Zulu II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ZULU 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 Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>5110</b>	<b>Elementary Zulu I</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>5110</b>	<b>Elementary Zulu I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.									
A&S	INST	<b>ZULU</b>	<b>5120</b>	<b>Elementary Zulu II</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5110 or (569A and 569B)									
				Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5110 or (569A and 569B)									
				Culture 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>5210</b>	<b>Intermediate Zulu I</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5120									
				Culture 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>5210</b>	<b>Intermediate Zulu I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5120									
				Culture 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5210									
				Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: ZULU 5210									
				Culture 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>ARAB</b>	<b>1110</b>	<b>Elementary Arabic I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>2900</b>	<b>Special Topics in Arabic</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>3990</b>	<b>Special Studies in Arabic</b>	TUT	TU	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>4900</b>	<b>Special Topics in Arabic</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>5110</b>	<b>Elementary Arabic I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		First course in a two-semester first year sequence.									
A&S	LING	<b>ARAB</b>	<b>5120</b>	<b>Elementary Arabic II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ARAB 5110						
		COURSE DESC:		Second course of two-semester first-year sequence.									
A&S	LING	<b>ARAB</b>	<b>5210</b>	<b>Intermediate Arabic I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ARAB 5120						
		COURSE DESC:		First course of two semester intermediate-level sequence.									
A&S	LING	<b>ARAB</b>	<b>5220</b>	<b>Intermediate Arabic II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ARAB 5210						
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>5900</b>	<b>Special Topics in Arabic</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ARAB</b>	<b>5990</b>	<b>Special Studies in Arabic</b>	TUT	TU	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required						
		COURSE DESC:		Special studies in advanced Arabic studies.									
A&S	LING	<b>CHIN</b>	<b>1110</b>	<b>Elementary Chinese I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of spoken and written Mandarin.									

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A&S	LING	<b>CHIN</b>	<b>1120</b>	<b>Elementary Chinese II</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of spoken and written Mandarin.	LEC	LE	4	0	2CP	N	U10		0
A&S	LING	<b>CHIN</b>	<b>2110</b>	<b>Intermediate Chinese I</b> ELIGIBLE GRADES: A-F COURSE DESC: First course of two-semester intermediate-level sequence.	LEC	LE	4	0	2CP	N	U30		0
A&S	LING	<b>CHIN</b>	<b>2120</b>	<b>Intermediate Chinese II</b> ELIGIBLE GRADES: A-F COURSE DESC: Second course of two-semester intermediate-level sequence.	LEC	LE	4	0	2CP	N	U30		0
A&S	LING	<b>CHIN</b>	<b>2900</b>	<b>Special Topics in Chinese</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	LING	<b>CHIN</b>	<b>2900</b>	<b>Special Topics in Chinese</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3100</b>	<b>Chinese Language and Culture: Preparing for Summer Study in China</b> ELIGIBLE GRADES: CR, 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.	LEC	EL	2	0		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3100</b>	<b>Chinese Language and Culture: Preparing for Summer Study in China</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	2	0		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3110</b>	<b>Advanced Chinese I</b> ELIGIBLE GRADES: A-F COURSE DESC: First course of an advanced two-course third-year sequence.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3120</b>	<b>Advanced Chinese II</b> ELIGIBLE GRADES: A-F COURSE DESC: Second course of an advanced two-course third-year sequence.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3990</b>	<b>Special Studies in Chinese</b> ELIGIBLE GRADES: A-F COURSE DESC: Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.	LEC	EL	1 to 3	6		N	U30		0
A&S	LING	<b>CHIN</b>	<b>3990</b>	<b>Special Studies in Chinese</b> ELIGIBLE GRADES: A-F COURSE DESC: Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.	LEC	LE	1 to 3	6		N	U30		0
A&S	LING	<b>CHIN</b>	<b>4110</b>	<b>Advanced Reading and Conversation</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>CHIN</b>	<b>4120</b>	<b>Advanced Chinese: Myth and Traditional Values</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0

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A&S	LING	<b>CHIN</b>	<b>4900</b>	<b>Special Topics in Chinese</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	LING	<b>CHIN</b>	<b>4900</b>	<b>Special Topics in Chinese</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHIN 5120									
				Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	<b>CHIN</b>	<b>5100</b>	<b>Chinese Language and Culture: Preparing for Summer Study in China</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHIN 5120									
				Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.									
A&S	LING	<b>CHIN</b>	<b>5110</b>	<b>Elementary Chinese I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Study of spoken and written Mandarin.									
A&S	LING	<b>CHIN</b>	<b>5120</b>	<b>Elementary Chinese II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5110									
				Study of spoken and written Mandarin.									
A&S	LING	<b>CHIN</b>	<b>5210</b>	<b>Intermediate Chinese I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5120									
				First course of two-semester intermediate-level sequence.									
A&S	LING	<b>CHIN</b>	<b>5220</b>	<b>Intermediate Chinese II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5210									
				Second course of two-semester intermediate-level sequence.									
A&S	LING	<b>CHIN</b>	<b>5310</b>	<b>Advanced Chinese I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5220									
				First course of an advanced two-course third-year sequence.									
A&S	LING	<b>CHIN</b>	<b>5320</b>	<b>Advanced Chinese II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5310									
				Second course of an advanced two-course third-year sequence.									
A&S	LING	<b>CHIN</b>	<b>5410</b>	<b>Advanced Reading and Conversation</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5320									
				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>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: CHIN 5320									
				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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									

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A&S	LING	<b>CHIN</b>	<b>5900</b>	<b>Special Topics in Chinese</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>CHIN</b>	<b>5990</b>	<b>Special Studies</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>ELIP</b>	<b>1300</b>	<b>Business Relations and Communication Skills</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will focus on strengthening students' Business English communication skills. Topics will include cross-cultural communication, presenting, and communicating in teams. Students will be encouraged to use material from their academic courses as they enhance their communication skills. Individualized attention will be given.									
A&S	LING	<b>ELIP</b>	<b>5100</b>	<b>Critical Reading and Analysis</b>	SEM	SE	3	15		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		This course is to assist graduate students in managing their academic reading load. Critical Reading and Analysis focuses on developing/improving efficient reading habits and techniques, improving reading rate and comprehension, increasing vocabulary, recognizing and developing information organization, and sharpening critical thinking skills. Students will also practice identifying the rhetorical style of texts. This course incorporates readings from various genres and readings from students' own fields.									
A&S	LING	<b>ELIP</b>	<b>5120</b>	<b>Graduate Reading and Writing</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Designed to help international graduate students work toward their goal of becoming independent and skilled readers and writers in their disciplines. Course writing assignments focus on their disciplines and include summaries, response papers, and essays. The course also addresses plagiarism and citation of sources, ways to develop a more academic vocabulary, and grammar topics such as verbs, articles, and sentence control. Reading skills are strengthened using texts from students' academic courses. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									
A&S	LING	<b>ELIP</b>	<b>5140</b>	<b>Academic Writing in Graduate Studies</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Graduate students develop the skills they need to become successful writers in their academic and post-academic careers. Course topics include writing a critique, annotated bibliography, and literature review. Strategies for organizing and developing thoughts, writing concisely in an academic style, and proofreading are also covered, as is following a citation style. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									
A&S	LING	<b>ELIP</b>	<b>5140</b>	<b>Academic Writing in Graduate Studies</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Graduate students develop the skills they need to become successful writers in their academic and post-academic careers. Course topics include writing a critique, annotated bibliography, and literature review. Strategies for organizing and developing thoughts, writing concisely in an academic style, and proofreading are also covered, as is following a citation style. Whenever possible, students work on assignments they have for discipline-related courses, and individualized attention is given.									
A&S	LING	<b>ELIP</b>	<b>5160</b>	<b>Writing for Research</b>	SEM	SE	3	15		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Guides students through the process of writing up primary research following the guidelines/practices of their field. The intended audience is students writing up their research or research plan, such as writing a proposal, final research project, thesis, dissertation, or article for publication. Organizing and writing up the literature review, methods, results, and discussion sections will be covered. Additionally discussed are avoiding plagiarism, following a citation style guide, and using an academic writing style. Individualized attention is given.									
A&S	LING	<b>ELIP</b>	<b>5180</b>	<b>Professional Writing in Public Administration</b>	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Provide writing assistance for students in the Online Executive Masters of Public Administration Program in the Voinovich School of Leadership and Public Affairs. As such, topics include finding, evaluating, and organizing content; building and supporting an argument; writing in a professional style appropriate for public administration; and using sources effectively while following APA style. Writing assignments will be tailored to meet the requirements of MPA coursework. The course consists of three modules, with one on-site visit per module and the remaining work to be completed via the online course management system. Student interaction occurs during on-site visits as well as via the online portion of the course.									
A&S	LING	<b>ELIP</b>	<b>5180</b>	<b>Professional Writing in Public Administration</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Provide writing assistance for students in the Online Executive Masters of Public Administration Program in the Voinovich School of Leadership and Public Affairs. As such, topics include finding, evaluating, and organizing content; building and supporting an argument; writing in a professional style appropriate for public administration; and using sources effectively while following APA style. Writing assignments will be tailored to meet the requirements of MPA coursework. The course consists of three modules, with one on-site visit per module and the remaining work to be completed via the online course management system. Student interaction occurs during on-site visits as well as via the online portion of the course.									
A&S	LING	<b>ELIP</b>	<b>5200</b>	<b>English Pronunciation</b>	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		The major emphasis in this course is on helping international students improve their pronunciation of American English for overall intelligibility and comprehension. Topics include specific vowel and consonant sounds, intonation, rhythm, fluency, and word stress. The course also helps students improve their listening comprehension and practice using correct grammatical structures. Whenever possible, students work with material from their disciplines, and there is considerable individualized instruction. Awareness of American culture and conversation conventions is also discussed and practiced.									

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A&S	LING	<b>ELIP</b>	<b>5220</b>	<b>Classroom Communication Skills for International Teaching Assistants</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		The major emphasis in this class is on developing the language skills necessary for effective teaching, which include fluency, use of discourse markers, and the structural control needed for defining and explaining. In addition, considerable attention will also be given to the language necessary for effective interaction with undergraduate students, to meeting the pronunciation needs of both the class as a whole and the individual student and to the awareness of expectations for TAs and the academic situation in the United States generally.									
A&S	LING	<b>ELIP</b>	<b>5220</b>	<b>Classroom Communication Skills for International Teaching Assistants</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		The major emphasis in this class is on developing the language skills necessary for effective teaching, which include fluency, use of discourse markers, and the structural control needed for defining and explaining. In addition, considerable attention will also be given to the language necessary for effective interaction with undergraduate students, to meeting the pronunciation needs of both the class as a whole and the individual student and to the awareness of expectations for TAs and the academic situation in the United States generally.									
A&S	LING	<b>ELIP</b>	<b>5300</b>	<b>Oral Communication in Graduate Studies</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		The goal of this highly interactive course is to help international students improve their English oral communication skills and increase their confidence in order to help them succeed in the US academic community. Students explore strategies for effective public speaking and then practice giving presentations and asking questions as well as leading and participating in group discussions. Other topics include American culture, idioms, and maintaining small talk. Students also have the opportunity to refine their pronunciation of individual sounds, rhythm, intonation, and word stress in spontaneous and planned spoken English.									
A&S	LING	<b>ELIP</b>	<b>5300</b>	<b>Oral Communication in Graduate Studies</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		The goal of this highly interactive course is to help international students improve their English oral communication skills and increase their confidence in order to help them succeed in the US academic community. Students explore strategies for effective public speaking and then practice giving presentations and asking questions as well as leading and participating in group discussions. Other topics include American culture, idioms, and engaging in and maintaining small talk. Students also have the opportunity to refine their pronunciation of individual sounds, rhythm, intonation, and word stress in spontaneous and planned spoken English.									
A&S	LING	<b>ELIP</b>	<b>5320</b>	<b>Oral Communication for the Graduate Researcher and Presenter</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, 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>ELIP</b>	<b>5320</b>	<b>Oral Communication for the Graduate Researcher and Presenter</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, 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>ELIP</b>	<b>5900</b>	<b>Special Topics in English Language Improvement Program</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ELIP</b>	<b>5900</b>	<b>Special Topics in English Language Improvement Program</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ELIP</b>	<b>6000</b>	<b>Special Studies in Graduate Writing</b>	TUT	TU	1	10		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		Directed individual investigation and practice of particular area of interest in graduate writing.									
A&S	LING	<b>ELIP</b>	<b>6100</b>	<b>Special Studies in Oral Communication</b>	TUT	TU	1	10		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		Directed individual investigation and practice of particular area of interest in graduate writing.									
A&S	LING	<b>ELIP</b>	<b>6900</b>	<b>Special Topics in English Language Improvement Program</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									

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A&S	LING	<b>ELIP</b>	<b>6900</b>	<b>Special Topics in English Language Improvement Program</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ILL</b>	<b>3400</b>	<b>Traditional Literature of Southeast Asia</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Course description not available.									
A&S	LING	<b>ILL</b>	<b>3890</b>	<b>Women in Chinese Literature</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Introduces Chinese language, culture and society through Chinese literature, with the theme: women in China as reflected in literature. Chinese women have been a vital part of the culture. Women's role as reflected in Chinese literature provides a rich illustration of Chinese language, culture, and society. The readings offer a rich illustration of the dilemma of traditional expectations of women in various historical periods, and the ever changing roles of women as society changes.									
A&S	LING	<b>ILL</b>	<b>4900</b>	<b>Special Topics in International Literature - Linguistics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ILL</b>	<b>4900</b>	<b>Special Topics in International Literature - Linguistics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ILL</b>	<b>5890</b>	<b>Women in Chinese Literature</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHIN 5320 Introduces Chinese language, culture and society through Chinese literature, with the theme: women in China as reflected in literature. Chinese women have been a vital part of the culture. Women's role as reflected in Chinese literature provides a rich illustration of Chinese language, culture, and society. The readings offer a rich illustration of the dilemma of traditional expectations of women in various historical periods, and the ever changing roles of women as society changes.									
A&S	LING	<b>ILL</b>	<b>5900</b>	<b>Special Topics in International Literature - Linguistics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>ILL</b>	<b>5900</b>	<b>Special Topics in International Literature - Linguistics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>JPC</b>	<b>2500</b>	<b>Introduction to Japanese Culture</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>JPC</b>	<b>2900</b>	<b>Special Topics in Japanese Culture</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>JPC</b>	<b>3100</b>	<b>Field Study in Japan</b>	LEC	EL	0	0		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and (Soph or Jr or Sr) Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.									
A&S	LING	<b>JPC</b>	<b>3100</b>	<b>Field Study in Japan</b>	LEC	LE	0	0		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and (Soph or Jr or Sr) Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.									

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A&S	LING	<b>JPC</b>	<b>4500</b>	<b>Japan:A Sociocultural Interpretation</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>JPC</b>	<b>4900</b>	<b>Special Topics in Japanese Culture</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	LING	<b>JPC</b>	<b>4900</b>	<b>Special Topics in Japanese Culture</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	LING	<b>JPC</b>	<b>5100</b>	<b>Field Study in Japan</b> ELIGIBLE GRADES: CR, F REQUISITE: Permission required COURSE DESC: Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.	LEC	EL	0	0		I	G40		0
A&S	LING	<b>JPC</b>	<b>5100</b>	<b>Field Study in Japan</b> ELIGIBLE GRADES: CR, F REQUISITE: Permission required COURSE DESC: Cultural orientation designed to prepare students for study abroad in Japan. Taught in English.	LEC	LE	0	0		I	G40		0
A&S	LING	<b>JPC</b>	<b>5500</b>	<b>Japan: A Sociocultural Interpretation</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Focused readings in English designed to broaden students' understanding of Japanese culture for personal, academic, or professional purposes.	LEC	EL	4	0		N	G40		0
A&S	LING	<b>JPC</b>	<b>5500</b>	<b>Japan: A Sociocultural Interpretation</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Focused readings in English designed to broaden students' understanding of Japanese culture for personal, academic, or professional purposes.	LEC	LE	4	0		N	G40		0
A&S	LING	<b>JPC</b>	<b>5900</b>	<b>Special Topics in Japanese Culture</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
A&S	LING	<b>JPC</b>	<b>5900</b>	<b>Special Topics in Japanese Culture</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
A&S	LING	<b>JPN</b>	<b>1110</b>	<b>Elementary Japanese I</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Beginning course of two semester first-year sequence.	LEC	LE	4	0	2CP	N	U10		0
A&S	LING	<b>JPN</b>	<b>1120</b>	<b>Elementary Japanese II</b> ELIGIBLE GRADES: A-F REQUISITE: JPN 1110 COURSE DESC: Continuation of 1110. Second course of two semester first-year sequence.	LEC	LE	4	0	2CP	N	U10		0
A&S	LING	<b>JPN</b>	<b>2110</b>	<b>Intermediate Japanese I</b> ELIGIBLE GRADES: A-F REQUISITE: JPN 1120 COURSE DESC: First course of two-semester intermediate-level sequence.	LEC	LE	4	0	2CP	N	U30		0
A&S	LING	<b>JPN</b>	<b>2120</b>	<b>Intermediate Japanese II</b> ELIGIBLE GRADES: A-F REQUISITE: JPN 2110 COURSE DESC: Second course of two-semester intermediate-level sequence. Continuation of 2110.	LEC	LE	4	0	2CP	N	U30		0
A&S	LING	<b>JPN</b>	<b>2900</b>	<b>Special Topics in Japanese Language</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0

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A&S	LING	<b>JPN</b>	<b>2900</b>	<b>Special Topics in Japanese Language</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
A&S	LING	<b>JPN</b>	<b>3110</b>	<b>Advanced Japanese I</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: JPN 2120									
				COURSE DESC: First course of a two course advanced, third-level sequence.									
A&S	LING	<b>JPN</b>	<b>3120</b>	<b>Advanced Japanese II</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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>3390</b>	<b>Spoken Japanese II</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	EL	1 to 3	9		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required									
				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>JPN</b>	<b>3990</b>	<b>Special Studies in Japanese</b>	LEC	LE	1 to 3	9		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required									
				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>JPN</b>	<b>4110</b>	<b>Fourth-Year Japanese I</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: JPN 4110									
				COURSE DESC: Second course of a two course fourth-year sequence.									



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A&S	LING	<b>JPN</b>	<b>4900</b>	<b>Special Topics in Japanese Language</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
A&S	LING	<b>JPN</b>	<b>4900</b>	<b>Special Topics in Japanese Language</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
A&S	LING	<b>JPN</b>	<b>5110</b>	<b>Elementary Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Beginning course of two semester first-year sequence.									
A&S	LING	<b>JPN</b>	<b>5120</b>	<b>Elementary Japanese II</b>	LEC	EL	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5110 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5120</b>	<b>Elementary Japanese II</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5110 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5210</b>	<b>Intermediate Japanese I</b>	LEC	EL	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5120 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5210</b>	<b>Intermediate Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5120 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5220</b>	<b>Intermediate Japanese II</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5210 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5310</b>	<b>Advanced Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5220 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5320</b>	<b>Advanced Japanese II</b>	LEC	EL	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5310 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5320</b>	<b>Advanced Japanese II</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5310 COURSE DESC: Study of spoken and written Japanese.									
A&S	LING	<b>JPN</b>	<b>5380</b>	<b>Spoken Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5220 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>	LEC	EL	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5380 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>5390</b>	<b>Spoken Japanese II</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5380 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>	LEC	EL	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5120 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>5410</b>	<b>Business Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: JPN 5120 COURSE DESC: Adaptation of productive and receptive skills introduced in JPN 5110-5220 for use in the context of the contemporary Japanese workplace.									

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A&S	LING	<b>JPN</b>	<b>5440</b>	<b>Fourth-Year Japanese I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	JPN 5320						
		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>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required and JPN 5440						
		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>	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		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>5480</b>	<b>Readings in Japanese Culture I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		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>5490</b>	<b>Readings in Japanese Culture II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	WGS 3500						
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>JPN</b>	<b>5900</b>	<b>Special Topics in Japanese Language</b>	LEC	LE	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	WGS 3500						
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>JPN</b>	<b>5990</b>	<b>Special Studies</b>	LEC	EL	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required						
		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>JPN</b>	<b>5990</b>	<b>Special Studies</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required						
		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>1010</b>	<b>Grammar in Language Learning and Teaching</b>	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		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>1010</b>	<b>Grammar in Language Learning and Teaching</b>	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		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>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A broad look at the nature of language. The focus is on human language in general: characteristics, acquisition, meaning, social use, and tendencies for change in language. Language is an everyday experience for all of us. We use language to convey our most basic needs and to express our most profound hopes. We rarely give a second thought to this tool whose use generally comes to us so effortlessly. This course will help you understand and appreciate the complexity and sophistication that underlies this system we depend on so much.									
A&S	LING	<b>LING</b>	<b>2750</b>	<b>Introduction to Language and Culture</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>LING</b>	<b>2750</b>	<b>Introduction to Language and Culture</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Analysis of similarities and differences in language behavior in America, including dialects and immigrant languages.									
A&S	LING	<b>LING</b>	<b>2900</b>	<b>Special Topics in Linguistics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>2900</b>	<b>Special Topics in Linguistics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>3300</b>	<b>Introduction to Psycholinguistics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	LING 3500						
		COURSE DESC:		Study of linguistic behavior and psychological mechanisms responsible for it.									
A&S	LING	<b>LING</b>	<b>3300</b>	<b>Introduction to Psycholinguistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	LING 3500						
		COURSE DESC:		Study of linguistic behavior and psychological mechanisms responsible for it.									
A&S	LING	<b>LING</b>	<b>3500</b>	<b>Introduction to Linguistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	LING	<b>LING</b>	<b>3880</b>	<b>Special Topics in Applied Linguistics</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		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>3880</b>	<b>Special Topics in Applied Linguistics</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4150</b>	<b>Audio, Video and Multimedia in Language Learning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	LING	<b>LING</b>	<b>4160</b>	<b>Designing Advanced Interactive Computer Assisted Language Learning Materials</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4160</b>	<b>Designing Advanced Interactive Computer Assisted Language Learning Materials</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4510</b>	<b>Computers for Language Teaching I</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4510</b>	<b>Computers for Language Teaching I</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4520</b>	<b>Computers in Language Teaching II</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4520</b>	<b>Computers in Language Teaching II</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4600</b>	<b>Introduction to Phonetics</b> ELIGIBLE GRADES: A-F COURSE DESC: Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.	LEC	EL	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4600</b>	<b>Introduction to Phonetics</b> ELIGIBLE GRADES: A-F COURSE DESC: Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4610</b>	<b>Introduction to Phonology and Morphology</b> ELIGIBLE GRADES: A-F COURSE DESC: Introductory course in analysis of sound systems of natural languages.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4700</b>	<b>Syntactic Description of English</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on the prominent structural patterns observed in various phrases and sentences in English. The approach is descriptive rather than explanatory. The students learn how to analyze syntactic patterns of English objectively and how to express them in grammatical terminology.	LEC	LE	3	0		N	U30		0
A&S	LING	<b>LING</b>	<b>4750</b>	<b>Language Learning</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to theories of first and second language acquisition and their implications for language teaching methodology.	LEC	EL	3	0		N	U30		0

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A&S	LING	<b>LING</b>	<b>4750</b>	<b>Language Learning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	LING 3500 or concurrent						
		COURSE DESC:		Introduction to theories of first and second language acquisition and their implications for language teaching methodology.									
A&S	LING	<b>LING</b>	<b>4800</b>	<b>Methods and Materials in TEFL</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4800</b>	<b>Methods and Materials in TEFL</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4830</b>	<b>Assessing Language Abilities</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4830</b>	<b>Assessing Language Abilities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4850</b>	<b>Historical Linguistics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4850</b>	<b>Historical Linguistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>Semantics and Pragmatics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	LING 3500						
		COURSE DESC:		Introduces the key concepts of Semantics and Pragmatics and explores their interface.									
A&S	LING	<b>LING</b>	<b>4860</b>	<b>Semantics and Pragmatics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	LING 3500						
		COURSE DESC:		Introduces the key concepts of Semantics and Pragmatics and explores their interface.									
A&S	LING	<b>LING</b>	<b>4900</b>	<b>Special Topics in Linguistics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>4900</b>	<b>Special Topics in Linguistics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>4901</b>	<b>Sociolinguistics and Bilingualism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required and LING 3500						
		COURSE DESC:		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>	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	LING 3500 and 4750 and 4800						
		COURSE DESC:		Practice in the teaching of English as a second or foreign language with faculty supervision.									
A&S	LING	<b>LING</b>	<b>4921</b>	<b>CALL Teaching Practicum</b>	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		CR, F		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.									

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A&S	LING	<b>LING</b>	<b>4940</b>	<b>Research Experience in Linguistics</b>	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Permission required and LING 3500. Students will have an opportunity to gain research experience by working with faculty on their research areas.									
A&S	LING	<b>LING</b>	<b>4941</b>	<b>Directed Research in Linguistics</b>	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>	TUT	TU	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Permission required. 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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		An online self-paced introduction to grammar.									
A&S	LING	<b>LING</b>	<b>5010</b>	<b>Grammar in Language Learning and Teaching</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		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	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	IND	IS	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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>5160</b>	<b>Distributed Learning Courseware - Interactive Design</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>5330</b>	<b>Introduction to Psycholinguistics</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Study of linguistic behavior and psychological mechanisms responsible for it.									
A&S	LING	<b>LING</b>	<b>5330</b>	<b>Introduction to Psycholinguistics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Study of linguistic behavior and psychological mechanisms responsible for it.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>LING</b>	<b>5500</b>	<b>Introduction to Linguistics</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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>5500</b>	<b>Introduction to Linguistics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5510</b>	<b>Computers in Language Teaching I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Second class expands upon the theory and materials creation of 5510. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot Potatoes, Multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									
A&S	LING	<b>LING</b>	<b>5520</b>	<b>Computers in Language Teaching II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Second class expands upon the theory and materials creation of 5510. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot Potatoes, Multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.									
A&S	LING	<b>LING</b>	<b>5600</b>	<b>Introduction to Phonetics</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.									
A&S	LING	<b>LING</b>	<b>5600</b>	<b>Introduction to Phonetics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Phonetics is the study of the sounds of language. The purpose of this course is to familiarize students with the theoretical principles of this field and the methods by which it is studied. With the presence of computers containing sound cards and free software for acoustic analysis, it is now possible for students to become active participants in their acquisition of phonetic concepts. Therefore, in addition to learning from readings, lectures, discussions, and assignments, students will have several opportunities to analyze the speech of themselves and others.									
A&S	LING	<b>LING</b>	<b>5610</b>	<b>Introduction to Phonology and Morphology</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introductory course in analysis of sound systems of natural languages.									
A&S	LING	<b>LING</b>	<b>5610</b>	<b>Introduction to Phonology and Morphology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introductory course in analysis of sound systems of natural languages.									
A&S	LING	<b>LING</b>	<b>5700</b>	<b>Syntactic Description of English</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5701</b>	<b>Grammar and Syntax</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach. The approach is explanatory as well as descriptive. Students learn how to develop theoretical hypotheses to account for syntactic phenomena and how to improve the accounts by continuous testing and revision of the hypotheses.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>LING</b>	<b>5701</b>	<b>Grammar and Syntax</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach. The approach is explanatory as well as descriptive. Students learn how to develop theoretical hypotheses to account for syntactic phenomena and how to improve the accounts by continuous testing and revision of the hypotheses.									
A&S	LING	<b>LING</b>	<b>5750</b>	<b>Language Learning</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to theories of first and second language acquisition and their implications for language teaching methodology.									
A&S	LING	<b>LING</b>	<b>5750</b>	<b>Language Learning</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to theories of first and second language acquisition and their implications for language teaching methodology.									
A&S	LING	<b>LING</b>	<b>5760</b>	<b>Second Language Acquisition Research and Theory</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Research and theories of second language acquisition.									
A&S	LING	<b>LING</b>	<b>5800</b>	<b>Methods and Materials in TEFL</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Second language teaching theory and methodology, with emphasis on teaching English as foreign language and language materials and course design.									
A&S	LING	<b>LING</b>	<b>5800</b>	<b>Methods and Materials in TEFL</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Second language teaching theory and methodology, with emphasis on teaching English as foreign language and language materials and course design.									
A&S	LING	<b>LING</b>	<b>5820</b>	<b>Introduction to English for Specific Purposes</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		This course surveys the literature that has contributed to the growth of the field of English for Specific Purposes (ESP). ESP refers to the branch of language teaching and research in which English-language course content and teaching approaches are derived from an analysis of language use in a specific context. The course examines the key theories, principles, and ideas that form the basis of current approaches to ESP. Included in the course are more practical questions of needs analysis, curriculum design, materials development, and assessment.									
A&S	LING	<b>LING</b>	<b>5830</b>	<b>Assesing Language Abilities: Proseminar in TEFL Testing</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Advanced research in special problems in testing English as a second or foreign language.									
A&S	LING	<b>LING</b>	<b>5830</b>	<b>Assesing Language Abilities: Proseminar in TEFL Testing</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Advanced research in special problems in testing English as a second or foreign language.									
A&S	LING	<b>LING</b>	<b>5850</b>	<b>Historical Linguistics</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study of genealogical and typological classification of languages, methods of historical analysis, and change in language systems.									
A&S	LING	<b>LING</b>	<b>5850</b>	<b>Historical Linguistics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study of genealogical and typological classification of languages, methods of historical analysis, and change in language systems.									
A&S	LING	<b>LING</b>	<b>5860</b>	<b>Semantics and Pragmatics</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to semantics and pragmatics and their interface.									
A&S	LING	<b>LING</b>	<b>5860</b>	<b>Semantics and Pragmatics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to semantics and pragmatics and their interface.									
A&S	LING	<b>LING</b>	<b>5880</b>	<b>Special Topics in Applied Linguistics</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Critical examination of basic assumptions, approaches, and methods of particular subfields of applied linguistics.									
A&S	LING	<b>LING</b>	<b>5880</b>	<b>Special Topics in Applied Linguistics</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Critical examination of basic assumptions, approaches, and methods of particular subfields of applied linguistics.									



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A&S	LING	<b>LING</b>	<b>5900</b>	<b>Special Topics in Linguistics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>5900</b>	<b>Special Topics in Linguistics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines language varieties and their social functions with implications for educational policy and national language planning. The course introduces students to different approaches to sociolinguistic research and the application of sociolinguistic theories and research in addressing contemporary issues. The course also 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>	FLD	FE	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required Practice in ESL teaching, instructional support, and/or program administration.									
A&S	LING	<b>LING</b>	<b>5920</b>	<b>Language Teaching Practicum</b>	PRA	PR	2	4		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: LING 5800 or concurrent 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>	PRA	PR	2	4		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: LING 5510 and 5520 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>	PRA	PR	1	6		I	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	PRA	PR	1	6		I	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	RS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required Students will have an opportunity to gain research experience by working with faculty on their research areas.									
A&S	LING	<b>LING</b>	<b>6000</b>	<b>Studies in Linguistics</b>	TUT	TU	1 to 4	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required Directed individual investigation of particular area of interest in linguistics.									
A&S	LING	<b>LING</b>	<b>6090</b>	<b>Colloquium in Linguistics</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Weekly lectures on topics related to theoretical and applied linguistics.									
A&S	LING	<b>LING</b>	<b>6610</b>	<b>Phonological Structures of English</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to pedagogical issues related to the teaching of listening and speaking in ESL/EFL settings.									
A&S	LING	<b>LING</b>	<b>6610</b>	<b>Phonological Structures of English</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LING 5701 Introduction to pedagogical issues related to the teaching of English grammar in ESL/EFL settings.									
A&S	LING	<b>LING</b>	<b>6710</b>	<b>Grammar in use</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LING 5701 Introduction to pedagogical issues related to the teaching of English grammar in ESL/EFL settings.									
A&S	LING	<b>LING</b>	<b>6850</b>	<b>An Introduction to the Teaching of Second Language Reading and Writing</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LING 5800 Theories and applications of reading and writing research.									

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A&S	LING	<b>LING</b>	<b>6850</b>	<b>An Introduction to the Teaching of Second Language Reading and Writing</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	LING 5800							
		COURSE DESC:		Theories and applications of reading and writing research.									
A&S	LING	<b>LING</b>	<b>6900</b>	<b>Special Topics in Linguistics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>6900</b>	<b>Special Topics in Linguistics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>LING</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced research culminating in thesis.									
A&S	LING	<b>SWAH</b>	<b>1110</b>	<b>Elementary Swahili I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduces learners to Swahili vocabulary and grammar. These are used as the foundation for promoting the four skills of reading, writing, listening and speaking. Emphasis will be on promoting the learners' ability to express themselves, describe their daily experiences and engage in basic conversations. Although East African texts (reading passages, music and poems) will be used to promote learners' understanding and appreciation of Swahili language and culture, non East African texts in Swahili might be sparingly used to achieve certain objectives. While the main focus of the course will be on enriching the students understanding of African culture through the learning of Swahili, students are expected to relate the Swahili culture with their everyday experiences. Learners will be involved in a semester long portfolio project comprised of biographical information about their everyday activities, or activities of other people, whether actual or fictional with an intention of applying all aspects of the materials covered in class. Specific information on this will be provided in the syllabus.									
A&S	LING	<b>SWAH</b>	<b>1120</b>	<b>Elementary Swahili II</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SWAH 1110							
		COURSE DESC:		This is the second course of two-semester first-year sequence. A continuation of 1110 covering the different types of nouns in Swahili. By now, students will have covered all the noun classes and will begin to see their relevance to various aspects of Swahili grammar. It will become clear that once you know the class of noun in question, the grammar can easily be derived from a consistent pattern. Learners will also broaden their vocabulary and they will be able to engage in more complex dialogues. Although some dialogues will be tailored to accomplish grammatical ends, Also do dialogues for the sake of it in order to promote confidence in oral communication. Learners are encouraged to pay attention to the way the sample dialogues are structured and try to model their dialogues along similar lines. Learners are encouraged to test your skills to the limit without focusing too much on grammatical mistakes. The best language learners are the adventurous people who are willing to test anything they have learned, even when they do not do it correctly. In addition, listening tasks and lab work will be assigned to ensure that students are increasing their knowledge of Swahili. Some time will be set aside to do pronunciation drills to ensure that learners get their pronunciation right. To promote reading skills, the instructor will introduce some basic Swahili booklets to be used as class readers. Attempts will also be made to invite classroom guests who will speak in Swahili in order to give learners a chance to listen to accents other than their instructor's. A lot of the classroom exercises will involve conversation with a colleague. Attempts will be made to ensure that students speak with different people in each speaking task. Finally, updating of portfolio will continue. Material from new topics must be integrated into the students' portfolio in a creative way.									
A&S	LING	<b>SWAH</b>	<b>2110</b>	<b>Intermediate Swahili</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SWAH 1120							
		COURSE DESC:		First course of two-semester intermediate-level sequence. Although this course will rely on the basic knowledge learned in the previous year, it is designed to take the learner deeper into Swahili structure and grammar as well as deepen their understanding and appreciation of Swahili culture. The reading passages will be longer, the written compositions longer, and the concepts more abstract. Promoting communicative competence is the main goal of this course. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. Students will also begin working on group or individual projects that demonstrate their understanding of East African cultural issues. Students will also be encouraged to make the connections or draw comparisons between East African and American culture. In addition, students will be expected to try to integrate their majors with what they are learning in class.									
A&S	LING	<b>SWAH</b>	<b>2120</b>	<b>Intermediate Swahili II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SWAH 2110							
		COURSE DESC:		Continuation of 2110. Second course of two-semester intermediate-level sequence. Although this course will rely on the knowledge gained in the fall semester, it is designed to take the learner deeper into Swahili structure and grammar as well as provide a deeper understanding of Swahili and East African culture in general. The reading passages will be longer, the written compositions longer and more abstract. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. A lot of emphasis will be placed on communicative skills and comprehension of Swahili material both written and oral.									
A&S	LING	<b>SWAH</b>	<b>2900</b>	<b>Special Topics in Swahili</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	LING	<b>SWAH</b>	<b>2900</b>	<b>Special Topics in Swahili</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>SWAH</b>	<b>3110</b>	<b>Advanced Swahili I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SWAH 2120									
				The first of a two-semester series course of advanced Swahili. Intended for students who have completed two years of Swahili or equivalent. Focuses at discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. In addition, learners are exposed to various elements of Swahili culture through authentic texts. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructors. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	<b>SWAH</b>	<b>3120</b>	<b>Advanced Swahili 2</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SWAH 3120									
				The second of a two-semester series of advanced Swahili. Intended for students who have completed two years of Swahili or equivalent. The class focuses on discourse Swahili and rhetorical devices as used in East Africa by Swahili speakers. Little attention is paid to grammar, but some aspects of grammar may be taught if the students identify problematic areas they would like to review with their instructor. Students study Swahili literary texts from East Africa and are able to engage in discussion on complex issues and topics. The background on Swahili culture is handled through the eyes of various authors as well as contemporary sources such as newspapers, movies and audio clips. In addition, different registers of Swahili are introduced with an aim of empowering students to be functional in a variety of communicative contexts. The course also emphasizes practical application of Swahili in the learner's field of study. To accomplish this, vocabulary and terminologies of various disciplines are also introduced. At this level, students should begin using Swahili for academic purposes. In other words, they should be able to read literary texts (novellas, dramas, poetry and short stories), listen to Swahili news on the radio, make presentations in Swahili as well as write factual and fictional essays.									
A&S	LING	<b>SWAH</b>	<b>3990</b>	<b>Special Studies in Swahili</b>	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Intended for students who have completed Advanced Swahili and would like to expand their knowledge of a specific topic or area in the language. There might be circumstances where student who have only had two years of Swahili would be allowed to enroll in the course. Students with a previous background in Swahili are also eligible to enroll in this course. The student who wishes to enroll in this course must come up with a topic, plan, and goals. Students work on their own and only meet with the instructor once a week.									
A&S	LING	<b>SWAH</b>	<b>4900</b>	<b>Special Topics in Swahili</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	LING	<b>SWAH</b>	<b>4900</b>	<b>Special Topics in Swahili</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	LING	<b>SWAH</b>	<b>5110</b>	<b>Elementary Swahili I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: SWAH 5110									
				This is the second course of two-semester first-year sequence. SWAH 5110 is a prerequisite for students who wish to enroll in this course. A continuation of where we left off in the fall quarter in covering the different types of nouns in Swahili. By now, students will have covered all the noun classes and will begin to see their relevance to various aspects of Swahili grammar. It will become clear that once you know the class of noun in question, the grammar can easily be derived from a consistent pattern. Learners will also broaden their vocabulary and they will be able to engage in more complex dialogues. Although some dialogues will be tailored to accomplish grammatical ends, we will also do dialogues for the sake of it in order to promote confidence in oral communication. Learners are encouraged to pay attention to the way the sample dialogues are structured and try to model their dialogues along similar lines. Learners are encouraged to test your skills to the limit without focusing too much on grammatical mistakes. The best language learners are the adventurous people who are willing to test anything they have learned, even when they do not do it correctly. In addition, listening tasks and labwork will be assigned to ensure that students are increasing their knowledge of Swahili. Some time will be set aside to do pronunciation drills to ensure that learners get their pronunciation right. To promote reading skills, the instructor will introduce some basic Swahili booklets to be used as class readers. Attempts will also be made to invite classroom guests who will speak in Swahili in order to give learners a chance to listen to accents other than their instructor's. A lot of the classroom exercises will involve conversation with a colleague. Attempts will be made to ensure that students speak with different people in each speaking task. Finally, updating of portfolio will continue. Material from new topics must be integrated into the students' portfolio in a creative way.									
A&S	LING	<b>SWAH</b>	<b>5210</b>	<b>Intermediate Swahili I</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: SWAH 5120									
				Study of spoken and written Swahili.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>SWAH</b>	<b>5210</b>	<b>Intermediate Swahili I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: SWAH 5120									
				Study of spoken and written Swahili.									
A&S	LING	<b>SWAH</b>	<b>5220</b>	<b>Intermediate Swahili II</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: SWAH 5210									
				Study of spoken and written Swahili.									
A&S	LING	<b>SWAH</b>	<b>5310</b>	<b>Advanced Swahili I</b>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: SWAH 5220									
				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>	LEC	LE	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: SWAH 5310									
				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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	LING	<b>SWAH</b>	<b>5900</b>	<b>Special Topics in Swahili</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	LING	<b>SWAH</b>	<b>5990</b>	<b>Special Studies in Swahili</b>	LEC	LE	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required									
				SWAH 3990 is intended for students who have completed Advanced Swahili and would like to expand their knowldege of a specific topic or area in the language. There might be circumstances where student who have only had two years of Swahili would be allowed to enroll in the course. Ou students with a previous background in Swahili are also eligible to enroll in this course. The student who wishes to enroll in this course must come up with a topic, plan, and goals. Students work on their own and only meet with the instructor once a week.									
A&S	LING	<b>T3</b>	<b>4830</b>	<b>Language, Culture and Sport</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3 hours in (ANTH or LING or PETE or REC or SASM) and Sr only									
				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.									
A&S	LING	<b>T3</b>	<b>4830</b>	<b>Language, Culture and Sport</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3 hours in (ANTH or LING or PETE or REC or SASM) and Sr only									
				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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>D003</b>	<b>Elementary Algebra</b>	LEC	LE	2	0		N	V00		0
		ELIGIBLE GRADES:		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						
		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>	LEC	EL	5	0		N	V00		0
		ELIGIBLE GRADES:		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						
		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>D004</b>	<b>Intermediate Algebra with PreAlgebra</b>	LEC	LE	5	0		N	V00		0
		ELIGIBLE GRADES:		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						
		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>	LEC	LE	4	0		N	V00		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Math placement level DV and WARNING: no credit for this course if taken after any other MATH course						
		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>	LAB	LB	1	0		N	V00		0
		ELIGIBLE GRADES:		CR, 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>	LAB	LB	1	0		N	V00		0
		ELIGIBLE GRADES:		CR, 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>1090</b>	<b>Consumer Mathematics</b>	LEC	EL	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		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 1250 (first course taken deducted)						
		COURSE DESC:		Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to arts and sciences requirements. No credit for this course if taken after MATH 1250 or higher level MATH course.									
A&S	MATH	<b>MATH</b>	<b>1090</b>	<b>Consumer Mathematics</b>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		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 1250 (first course taken deducted)						
		COURSE DESC:		Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to arts and sciences requirements. No credit for this course if taken after MATH 1250 or higher level MATH course.									
A&S	MATH	<b>MATH</b>	<b>1101</b>	<b>Elementary Topics in Mathematics I</b>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(C or better in MATH D004 or MATH D005 or Math placement level 1 or higher) and (education or prim early childhood major)						
		COURSE DESC:		Elementary Topics in Mathematics I&II is a sequence for majors in elementary education and related fields. The course focuses on the development of arithmetic and number systems, including whole numbers, integers, and rational numbers. Probability and data analysis are studied as applications of rational numbers and emphasize mathematical representation and communication. Satisfies Tier I requirement for elementary education majors only. Does not apply to Arts and Sciences natural science requirements.									
A&S	MATH	<b>MATH</b>	<b>1102</b>	<b>Elementary Topics in Mathematics II</b>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1101						
		COURSE DESC:		Elementary Topics in Mathematics I&II is a sequence for majors in elementary education and related fields. The course focuses on the development of geometry and algebra. Students use both dynamic geometry software and graphing calculators to develop representation, communication, and problem solving processes in both algebra and geometry. Does not apply to Arts and Sciences natural science requirements.									

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A&S	MATH	<b>MATH</b>	<b>1200</b>	<b>College Algebra</b>	LEC	LE	4	0	1M	N	U10		0
		ELIGIBLE GRADES:		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)							
		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).									
A&S	MATH	<b>MATH</b>	<b>1250</b>	<b>Introductory Game Theory</b>	LEC	EL	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher							
		COURSE DESC:		The course introduces mathematical models for situations of conflict, whether actual or recreational and considers two-person, n-person, zero-sum and nonzero-sum games, Nash equilibria, cooperation and the prisoner's dilemma. Application to fields such as environmental policy, business decisions, football, evolution, warfare and poker will be analyzed. The course will contain 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>1250</b>	<b>Introductory Game Theory</b>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher							
		COURSE DESC:		The course introduces mathematical models for situations of conflict, whether actual or recreational and considers two-person, n-person, zero-sum and nonzero-sum games, Nash equilibria, cooperation and the prisoner's dilemma. Application to fields such as environmental policy, business decisions, football, evolution, warfare and poker will be analyzed. The course will contain 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>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0	1M	N	U10	CCE	0
		ELIGIBLE GRADES:		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>1300</b>	<b>Pre-Calculus</b>	LEC	LE	4	0	1M	N	U10	CCE	0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher WARNING: No credit for this course and MATH 1200 (first course taken deducted)							
		COURSE DESC:		Course provides a rigorous treatment of graphs, inverses, and algebraic operations of polynomial, rational, exponential and logarithmic functions, equations and inequalities and an introduction to linear systems, sequences and series. Intended, together with MATH 1322, to prepare students for MATH 2301 Calculus I. Students cannot keep credit for both MATH 1200 and MATH 1321 (first course taken deducted)..									
A&S	MATH	<b>MATH</b>	<b>1322</b>	<b>Elementary Applied Mathematics II</b>	LEC	LE	3	0	1M	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>1350</b>	<b>Survey of Calculus</b>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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).									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>2110</b>	<b>Introductory Geometry for Middle School Teachers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MATH 1300 or 1322 or Math placement level 3) and education major Intended for middle childhood education majors. Core concepts and principles of Euclidean geometry in two- and three-dimensions. Informal and formal proof. Measurement. Properties and relations of geometric shapes and structures. Symmetry. Transformational geometry. Tessellations. Congruence and similarity. Coordinate geometry. Constructions. Historical development of Euclidean and non-Euclidean geometries including contributions from diverse cultures. Dynamic Geometry Software to build and manipulate representations of two- and three- dimensional objects.									
A&S	MATH	<b>MATH</b>	<b>2301</b>	<b>Calculus I</b>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (A in 163A) or (B or better in MATH 1350) or (C or better in 1300 or 1322) or (Math placement level 3) First course in calculus and analytic geometry with applications in the sciences and engineering. Includes basic techniques of differentiation and integration with applications including rates of change, optimization problems, and curve sketching; includes exponential, logarithmic and trigonometric functions. No credit for both MATH 2301 and 1350 (always keep 2301).									
A&S	MATH	<b>MATH</b>	<b>2301</b>	<b>Calculus I</b>	REC	RE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (A in 163A) or (B or better in MATH 1350) or (C or better in 1300 or 1322) or (Math placement level 3) First course in calculus and analytic geometry with applications in the sciences and engineering. Includes basic techniques of differentiation and integration with applications including rates of change, optimization problems, and curve sketching; includes exponential, logarithmic and trigonometric functions. No credit for both MATH 2301 and 1350 (always keep 2301).									
A&S	MATH	<b>MATH</b>	<b>2302</b>	<b>Calculus II</b>	LEC	LE	4	0	2AS	N	U30	CCE	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2301 or 263B 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>	REC	RE	4	0	2AS	N	U30	CCE	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2301 or 263B 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>2500</b>	<b>Introduction to Statistics</b>	LEC	LE	4	0	1M	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MATH 1200 or 1250 or 1260 or 1321) or Math placement 2 or higher and WARNING: Not COMS 3520 or ECON 3810 or GEOG 2710 or ISE 3040 or ISE 3200 or PSY 1110 or PSY 2110 or QBA 2010 An introductory course in applied statistics. Organization of data, central tendency and dispersion, descriptive bivariate data, correlation, designed experiments, probability, random variables, binomial and normal distributions, distributions, inferences from large samples, estimation, confidence intervals and hypothesis testing. Students cannot earn credit for MATH 2500 and any of the following: COMS 3520, ECON 3810, GEOG 2710, ISE 3040, ISE 3200, PSY 1110, PSY 2110, QBA 2010.									
A&S	MATH	<b>MATH</b>	<b>2900</b>	<b>Special Topics in Mathematics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>2900</b>	<b>Special Topics in Mathematics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>2970T</b>	<b>Mathematics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Special program for students enrolled in HTC, taken in the Spring Semester of the first year.									
A&S	MATH	<b>MATH</b>	<b>2981T</b>	<b>Mathematics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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).									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>3060X</b>	<b>Introduction to Mathematical Reasoning, Problem Solving, and Proof</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Techniques of problem solving, reasoning, and proof using concepts including logic, set theory, relations, functions, and counting. This course serves as a foundation for advanced study of mathematics and proof-based courses in particular.									
A&S	MATH	<b>MATH</b>	<b>3070</b>	<b>Introduction to Number Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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>3210</b>	<b>Linear Algebra</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and (3050 or CS 3000) and WARNING: No credit for both this course and MATH 3200 (first course taken deducted) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3070 and (3200 or 3210) 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302 Third course in calculus and analytic geometry with applications in the sciences and engineering. Includes partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus.									
A&S	MATH	<b>MATH</b>	<b>3300</b>	<b>Calculus III</b>	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302 Third course in calculus and analytic geometry with applications in the sciences and engineering. Includes partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus.									
A&S	MATH	<b>MATH</b>	<b>3320</b>	<b>Vector Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 Vector algebra and its applications. Vector calculus and space curves. Scalar and vector fields, gradient, divergence, curl, and Laplacian. Line and surface integrals. Divergence theorem, Stoke's theorem, and Green's theorem.									
A&S	MATH	<b>MATH</b>	<b>3400</b>	<b>Elementary Differential Equations</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302 Introduction to ordinary differential equations and their use as models for applications with an emphasis on exact solution methods for linear equations and systems including Laplace transform methods.									
A&S	MATH	<b>MATH</b>	<b>3400</b>	<b>Elementary Differential Equations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH 2302 Introduction to ordinary differential equations and their use as models for applications with an emphasis on exact solution methods for linear equations and systems including Laplace transform methods.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>3500</b>	<b>Probability</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3600</b>	<b>Applied Numerical Methods</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 1700 or EE 3713 or MATH 2500 or PBI0 3150 or (PBI0 1140 and PSY 2110)							
		COURSE DESC:		Bioinformatics is the science of extracting biologically relevant information from large sets of biomolecular data. The course will introduce students to the mathematical models, statistical techniques, and algorithms on which this process is based.									
A&S	MATH	<b>MATH</b>	<b>3970T</b>	<b>Mathematics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MATH 4100 concurrent							
		COURSE DESC:		Early field experience for students in teaching mathematics in secondary schools.									
A&S	MATH	<b>MATH</b>	<b>4150</b>	<b>Advanced Perspectives for Math Teachers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	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>4221</b>	<b>Modern Algebra I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4222</b>	<b>Modern Algebra II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4230</b>	<b>Introduction to Algebraic Coding Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>4301</b>	<b>Advanced Calculus I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210) 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>4301</b>	<b>Advanced Calculus I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4301 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>4302</b>	<b>Advanced Calculus II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4301 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 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>4310</b>	<b>Complex Variables</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.									
A&S	MATH	<b>MATH</b>	<b>4330</b>	<b>Hilbert Spaces and Applications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) A course in applied linear analysis, especially Hilbert spaces, for advanced undergraduate and graduate students in mathematics, the sciences or engineering. The course will introduce both the practical and theoretical aspects of linear analysis and students will be expected to complete both computational and proof-oriented exercises. Topic covered will include: Normed Vector Spaces, the spaces L1 and L2, Hilbert Spaces, orthonormal systems, linear operators on Hilbert space and applications to differential equations.									
A&S	MATH	<b>MATH</b>	<b>4400</b>	<b>Advanced Differential Equations</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) An introduction to the qualitative theory of differential equations, with emphasis on linear systems.									
A&S	MATH	<b>MATH</b>	<b>4400</b>	<b>Advanced Differential Equations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) An introduction to the qualitative theory of differential equations, with emphasis on linear systems.									
A&S	MATH	<b>MATH</b>	<b>4410</b>	<b>Fourier Analysis and Partial Differential Equations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3400 Representation of functions as sums of infinite series of trigonometric functions and complex exponentials, Bessel functions, Legendre polynomials, or other sets of orthogonal functions. Use of such representations for solution of partial differential equations dealing with vibrations, heat flow, and other physical problems.									
A&S	MATH	<b>MATH</b>	<b>4470</b>	<b>Applied Dynamical Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) A survey of applied dynamical systems for scientists, engineers and mathematicians with an emphasis on continuous time models.									
A&S	MATH	<b>MATH</b>	<b>4470</b>	<b>Applied Dynamical Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) A survey of applied dynamical systems for scientists, engineers and mathematicians with an emphasis on continuous time models.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>4500</b>	<b>Theory of Statistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3500 and (3200 or 3210) Probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.									
A&S	MATH	<b>MATH</b>	<b>4510</b>	<b>Applied Statistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 Applications of the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.									
A&S	MATH	<b>MATH</b>	<b>4520</b>	<b>Stochastic Processes</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 Markov chains, Poisson process, birth and death process, queuing, and related topics.									
A&S	MATH	<b>MATH</b>	<b>4520</b>	<b>Stochastic Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 Markov chains, Poisson process, birth and death process, queuing, and related topics.									
A&S	MATH	<b>MATH</b>	<b>4530</b>	<b>Statistical Computing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	<b>MATH</b>	<b>4530</b>	<b>Statistical Computing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.									
A&S	MATH	<b>MATH</b>	<b>4550</b>	<b>Basic Principles of Actuarial Science</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 concurrent Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	<b>MATH</b>	<b>4550</b>	<b>Basic Principles of Actuarial Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4500 concurrent Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.									
A&S	MATH	<b>MATH</b>	<b>4560</b>	<b>Theory of Interest and Life Contingencies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4550 Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	<b>MATH</b>	<b>4560</b>	<b>Theory of Interest and Life Contingencies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4550 Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	<b>MATH</b>	<b>4600</b>	<b>Introduction to Numerical Analysis</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100) A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	<b>MATH</b>	<b>4600</b>	<b>Introduction to Numerical Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and (3200 or 3210) and (3600 or CS 2300 or 2400 or ET 2100) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and (3200 or 3210) and (3600 or CS 2300 or CS 2400 or ET 2100) 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>4610</b>	<b>Introduction to Waves and Wavelets with Applications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and (3200 or 3210) and (3600 or CS 2300 or CS 2400 or ET 2100) 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.									

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COURSE LISTING  
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A&S	MATH	<b>MATH</b>	<b>4620</b>	<b>Linear and Nonlinear Optimization</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210 ) and (3600 or CS 2300 or 2400 or ET 2100) 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>4620</b>	<b>Linear and Nonlinear Optimization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210 ) and (3600 or CS 2300 or 2400 or ET 2100) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 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>4630</b>	<b>Discrete Modeling and Optimization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4301 Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	<b>MATH</b>	<b>4700</b>	<b>Introduction to Topology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 4301 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>4900</b>	<b>Special Topics in Mathematics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>4930</b>	<b>Studies in Mathematics</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 6 hours in MATH 4200-4799 and (Jr or Sr) 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>	RSC	RS	2	4	3	N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210) and (3050 or CS 3000) and (6 hours MATH 4200-4799) and (Jr or Sr) An advanced student works together with a faculty member on a research project in a topic of mathematics of interest to both the student and faculty. The student and faculty member must agree upon a research plan before the student registers for the course. The course can be taken (twice) as a Tier III equivalent. The student will be expected to write results and progress reports and present a final presentation on the project									
A&S	MATH	<b>MATH</b>	<b>4970T</b>	<b>Mathematics Tutorial (thesis)</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MATH 3300 and (3200 or 3210) and (3050 or CS 3000) and (6 hours MATH 4200-4799) and (Jr or Sr) Student 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>	SEM	SE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MATH 4993 and sr only 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 will develop a proposal for a topic of interest to be presented in the second semester. The study topic will be presented in the weekly public seminar and a final written report will be 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Main lines of mathematical development in terms of contributions made by great mathematicians: Euclid, Archimedes, Descartes, Newton, Gauss, etc..									

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A&S	MATH	<b>MATH</b>	<b>5070</b>	<b>Introduction to Number Theory</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5100</b>	<b>Teaching of Mathematics in Secondary School</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected topics related to teaching of mathematics in grades 7-12	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5100L</b>	<b>Teaching of Mathematics in Secondary School Early Field Experience</b> ELIGIBLE GRADES: A-F COURSE DESC: Early Field Experience for students in Teaching Mathematics in Secondary Schools.	LAB	LB	1	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5110</b>	<b>College Geometry</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5120</b>	<b>College Mathematics Teaching for New Teaching Assistants</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		I	G50		0
A&S	MATH	<b>MATH</b>	<b>5200</b>	<b>Applied Linear Algebra</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5210</b>	<b>Linear Algebra</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5221</b>	<b>Modern Algebra I</b> ELIGIBLE GRADES: A-F COURSE DESC: Groups, permutation groups, subgroups, quotient groups. Conjugate classes and class equation formula and its application to p-groups. Fundamental theorem on homomorphisms.	LEC	EL	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5221</b>	<b>Modern Algebra I</b> ELIGIBLE GRADES: A-F COURSE DESC: Groups, permutation groups, subgroups, quotient groups. Conjugate classes and class equation formula and its application to p-groups. Fundamental theorem on homomorphisms.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5222</b>	<b>Modern Algebra II</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5222</b>	<b>Modern Algebra II</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5230</b>	<b>Introduction to Algebraic Coding Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.	LEC	EL	3	0		N	G50		0
A&S	MATH	<b>MATH</b>	<b>5230</b>	<b>Introduction to Algebraic Coding Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Encoding and decoding. Vector spaces over finite fields. Linear Codes, parity-check matrices, syndrome decoding, Hamming Codes, and Cyclic Codes.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MATH	<b>MATH</b>	<b>5301</b>	<b>Advanced Calculus I</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>5301</b>	<b>Advanced Calculus I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	MATH 5301								
				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>5302</b>	<b>Advanced Calculus II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	MATH 5301								
				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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>5310</b>	<b>Complex Variables</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>5330</b>	<b>Hilbert Spaces and Applications</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				An introduction to the qualitative theory of differential equations, with emphasis on linear systems.									
A&S	MATH	<b>MATH</b>	<b>5400</b>	<b>Advanced Differential Equations</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				A survey of applied dynamical systems for Scientists, Engineers and Mathematicians with an emphasis on continuous time models.									

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A&S	MATH	<b>MATH</b>	<b>5470</b>	<b>Applied Dynamical Systems</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>5510</b>	<b>Applied Statistics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5520</b>	<b>Stochastic Processes</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5530</b>	<b>Statistical Computing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5550</b>	<b>Basic Principles of Actuarial Science</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>Theory of Interest and Life Contingencies</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5550 Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	<b>MATH</b>	<b>5560</b>	<b>Theory of Interest and Life Contingencies</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5550 Theory of interest and contingent payment models. Mathematical models for the actuarial present value of a future set of payments contingent on some random event(s); life insurance, life annuities, benefit reserves.									
A&S	MATH	<b>MATH</b>	<b>5600</b>	<b>Introduction to Numerical Analysis</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: A survey of the ideas, methods, and algorithms in Numerical Analysis.									
A&S	MATH	<b>MATH</b>	<b>5600</b>	<b>Introduction to Numerical Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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A&S	MATH	<b>MATH</b>	<b>5610</b>	<b>Introduction to Waves and Wavelets with Applications</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5620</b>	<b>Linear and Nonlinear Optimization</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5630</b>	<b>Discrete Modeling and Optimization</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									
A&S	MATH	<b>MATH</b>	<b>5700</b>	<b>Introduction to Topology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5301 Topology of Euclidean spaces and general metric spaces. Introduction to general topological spaces.									
A&S	MATH	<b>MATH</b>	<b>5700</b>	<b>Introduction to Topology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5301 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>5900</b>	<b>Special Topics in Mathematics</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>5910</b>	<b>Internship</b>	FLD	FE	1	3		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Internship at an employer outside the university.									
A&S	MATH	<b>MATH</b>	<b>5960</b>	<b>Seminar</b>	SEM	EL	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Seminar									
A&S	MATH	<b>MATH</b>	<b>5960</b>	<b>Seminar</b>	SEM	SE	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Seminar									
A&S	MATH	<b>MATH</b>	<b>6221</b>	<b>Algebra I</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5222 G-sets. Orbits and stabilizers. Orbit decomposition formula. Permutation groups. Alternating groups. Simple groups. Composition series. Jordan-Holder Theorem. The Sylow Theorems. Fundamental theorem of abelian groups. Solvable and nilpotent groups. Rings of power series and Laurent series. Division rings. Prime and maximal ideals in a ring (not necessarily commutative). Nil radical. Rings of quotients of domains (not necessarily commutative). Artinian and Noetherian rings and modules. Hilbert Basis Theorem. Completely reducible modules. Semi-simple Artinian rings. Free, projective, and divisible modules. Tensor product of modules and algebras. Polynomial rings. Irreducible polynomials. Quotient rings. Eisenstein Criterion. Algebraic extension. Algebraically closed fields. Splitting fields. Normal and separable extensions. Finite fields. Fixed fields. Fundamental Theorem of Galois Theory. Solvability by radicals. Constructability by ruler and compass.									



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

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

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A&S	MATH	<b>MATH</b>	<b>6510</b>	<b>Linear Models</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510									
				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>6520</b>	<b>Experimental Design</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510 and 5302									
				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>6530</b>	<b>Time Series Analysis</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510 and 5302									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5600									
				In-depth analysis of numerical aspects of problems and algorithms in linear algebra.									
A&S	MATH	<b>MATH</b>	<b>6640</b>	<b>Numerical Analysis: Linear Algebra</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5600									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5600									
				In-depth treatment of numerical approximation techniques, including differentiation and integration.									
A&S	MATH	<b>MATH</b>	<b>6650</b>	<b>Numerical Analysis: Approximation Methods</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5600									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5400 and 5600									
				In-depth treatment of numerical methods for ordinary differential equations; introduction to methods for partial differential equations.									
A&S	MATH	<b>MATH</b>	<b>6660</b>	<b>Numerical Analysis: Differential Equations</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5400 and 5600									
				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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5302 and 5700									
				General topological spaces, product and quotient spaces, convergence, separation, countability properties, compactness and paracompactness, connectivity, metric spaces, completion, metrization, completely regular spaces, uniform spaces.									
A&S	MATH	<b>MATH</b>	<b>6700</b>	<b>Point Set Topology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5302 and 5700									
				General topological spaces, product and quotient spaces, convergence, separation, countability properties, compactness and paracompactness, connectivity, metric spaces, completion, metrization, completely regular spaces, uniform spaces.									
A&S	MATH	<b>MATH</b>	<b>6710</b>	<b>Algebraic Topology</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 6700									
				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.									

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A&S	MATH	<b>MATH</b>	<b>6710</b>	<b>Algebraic Topology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>6750</b>	<b>Set Theory</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>6900</b>	<b>Special Topics in Mathematics</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Independent study of topics under guidance of faculty member. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	RSC	RS	4	8		N	G50		0
		ELIGIBLE GRADES:		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>	RSC	RS	4	8		N	G50		0
		ELIGIBLE GRADES:		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>	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not offered in normal course offerings. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>7000</b>	<b>Topics in the Foundation and History of Mathematics</b>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not covered in regular course offerings. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>7100</b>	<b>Topics in the Teaching of Mathematics</b>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not covered in regular course offerings. May be repeated for credit.									

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A&S	MATH	<b>MATH</b>	<b>7150</b>	<b>Topics in Geometry</b>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>7150</b>	<b>Topics in Geometry</b>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>7400</b>	<b>Topics in Differential Equations</b>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Selected topics not covered in regular offerings. May be repeated for credit.									
A&S	MATH	<b>MATH</b>	<b>7400</b>	<b>Topics in Differential Equations</b>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 10	50		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>8900</b>	<b>Special Topics in Mathematics</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	MATH	<b>MATH</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Doctoral dissertation research. May be repeated for credit.									

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A&S	MATH	<b>MATH</b>	<b>8960</b>	<b>Seminar</b>	SEM	SE	1	20		N	G50		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE:									
				Seminar. May be repeated for credit.									

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A&S	ML	FR	1110	<b>Elementary French I</b>	LEC	LE	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Beginning course of two-semester, first-year sequence. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Basic grammatical concepts and patterns. Textbook and workbook required.									
A&S	ML	FR	1120	<b>Elementary French II</b>	LEC	LE	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Continuation of 1110. Second course of two-semester, first-year sequence. Basic grammatical concepts and patterns. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Textbook and workbook required.									
A&S	ML	FR	1199	<b>French for Review</b>	LEC	LE	3	0		N	U10		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Preparation for FR 2110 for students with some high school French. Review of grammar and vocabulary with intensive practice adapting to college-level expectations and instructional techniques. Emphasis on speaking, listening, reading, and writing. Does not satisfy language or humanities requirements in Arts and Sciences.									
A&S	ML	FR	2110	<b>Intermediate French I</b>	LEC	LE	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: (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>	LEC	LE	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Continuation of 2110. Second course of two-semester, second-year sequence. Intensive review of grammar. Supplemental cultural material.									
A&S	ML	FR	2900	<b>Special Topics in French</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	ML	FR	2900	<b>Special Topics in French</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR									
				COURSE DESC: Specific course content will vary with offering.									
A&S	ML	FR	2930	<b>Independent Study in French</b>	IND	IS	1 to 2	6		N	U30		0
				ELIGIBLE GRADES: 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>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: 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>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: 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>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: 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>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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	<b>FR</b>	<b>3215</b>	<b>French for Business</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3348</b>	<b>French Civilization and Culture I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3349</b>	<b>French Civilization and Culture II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3540</b>	<b>Introduction to Reading French Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3550</b>	<b>Introduction to Prose</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3560</b>	<b>Introduction to Drama and Poetry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	FR 3540						
		COURSE DESC:		Analysis and discussion of French and/or Francophone plays and poetry from different periods.									
A&S	ML	<b>FR</b>	<b>3910</b>	<b>Internship in French</b>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		COURSE DESC:		Practice using the language in a work environment. Does not count for major.									
A&S	ML	<b>FR</b>	<b>3970T</b>	<b>French Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>3980T</b>	<b>French Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>4334</b>	<b>French Through Film</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>FR</b>	<b>4437</b>	<b>Applied Phonetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.									
A&S	ML	<b>FR</b>	<b>4439</b>	<b>Modern French Usage</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	FR 3120						
		COURSE DESC:		Study French syntax and semantics. Fine points of grammar. Practice in composition.									
A&S	ML	<b>FR</b>	<b>4441</b>	<b>Stylistics and Criticism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	FR 3550 or 3560						
		COURSE DESC:		Figures of literary style. Explication de texte. Study of French prosody. Literary theory.									



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A&S	ML	FR	4502	<b>16th-Century French Literature</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Representative works by 20th- and 21st-century writers of the Americas including canonical writers from Quebec and exiled Haitian writers in Quebec, and/or writers from other French-speaking parts of the Americas. Authors studied include Anne Hebert, Roch Carrier, Michel Tremblay, Marie-Claire Blais, Dany Laferrière, Gérard Etienne, Marie-Célie Agnant. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.									
A&S	ML	FR	4513	<b>Occupation and Resistance in French Film and Literature</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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.									
A&S	ML	FR	4518	<b>Prose Fiction of the 19th Century</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				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.									

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A&S	ML	FR	4519	<b>Poetry of the 19th and 20th Centuries</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ML	FR	4520	<b>Drama of the 19th and 20th Centuries</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ML	FR	4521	<b>Prose Fiction of the 20th Century</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	ML	FR	4640	<b>Theory of Teaching French</b> ELIGIBLE GRADES: A-F 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).	LEC	LE	3	0		N	U30		0
A&S	ML	FR	4900	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.	LEC	EL	3	9		N	U30		0
A&S	ML	FR	4900	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.	LEC	LE	3	9		N	U30		0
A&S	ML	FR	4930	<b>Independent Study in French</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.	IND	EL	1 to 3	6		N	U30		0
A&S	ML	FR	4930	<b>Independent Study in French</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Directed individual readings, discussion, and reports in language at advanced level. Does not count toward 4000-level hrs required for major.	IND	IS	1 to 3	6		N	U30		0
A&S	ML	FR	4970T	<b>French Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Thesis writing. Student will finalize thesis proposal and timeline. At least one chapter of the proposed thesis will be fine tuned for conference presentation. Student will finish researching the topic of the thesis and write preliminary drafts of all chapters.	TUT	TU	1 to 15	999		N	U30		0
A&S	ML	FR	4980T	<b>French Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR 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.	TUT	TU	1 to 15	999		N	U30		0
A&S	ML	FR	5110	<b>French for Graduate Reading Requirements I</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	1 to 4	8		N	G40		0
A&S	ML	FR	5120	<b>French for Graduate Reading Requirements II</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	1 to 4	8		N	G40		0
A&S	ML	FR	5210	<b>French for Graduate Reading Requirements III</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	1 to 3	8		N	G40		0

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A&S	ML	FR	5220	<b>French for Graduate Reading Requirements IV</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	1 to 3	8		N	G40		0
A&S	ML	FR	5310	<b>French for Graduate Reading Requirements V</b> ELIGIBLE GRADES: CR, PR, F 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.	LEC	LE	1 to 3	15		N	G40		0
A&S	ML	FR	5320	<b>French for Graduate Reading Requirements VI</b> ELIGIBLE GRADES: CR, PR, F 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.	LEC	LE	1 to 3	15		N	G40		0
A&S	ML	FR	5360	<b>Civilization and Culture</b> ELIGIBLE GRADES: A-F COURSE DESC: Social, political, and cultural study of France and/or Francophone countries.	LEC	LE	4	0		N	G40		0
A&S	ML	FR	5437	<b>Applied Phonetics</b> ELIGIBLE GRADES: A-F COURSE DESC: Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.	LEC	LE	4	0		N	G40		0
A&S	ML	FR	5439	<b>Modern French Usage</b> ELIGIBLE GRADES: A-F COURSE DESC: Study French syntax and semantics. Fine points of grammar. Practice in composition.	LEC	LE	4	0		N	G40		0
A&S	ML	FR	5441	<b>Stylistics and Criticism</b> ELIGIBLE GRADES: A-F COURSE DESC: Figures of literary style. Explication de texte. Study of French prosody. Literary theory.	LEC	LE	4	0		N	G40		0
A&S	ML	FR	5502	<b>16th-Century French Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of major 16th-century French writers.	LEC	LE	4	0		N	G40		0
A&S	ML	FR	5503	<b>17th-Century French Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of major 17th-century French writers. All readings, discussion, and papers in French.	LEC	LE	4	8		N	G40		0
A&S	ML	FR	5504	<b>18th-Century French Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of major 18th-century French writers. All readings, discussion, and papers in French.	LEC	LE	4	8		N	G40		0
A&S	ML	FR	5505	<b>19th-Century French Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of major 19th-century French writers. All readings, discussion, and papers in French.	LEC	LE	4	8		N	G40		0
A&S	ML	FR	5506	<b>20th- and 21st-Century French Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of major 20th- and/or 21st-century French writers. All readings, discussion, and papers in French.	LEC	LE	4	8		N	G40		0
A&S	ML	FR	5511	<b>Francophone Literature and Culture of Africa and the Caribbean</b> ELIGIBLE GRADES: A-F 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 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.	LEC	LE	4	0		N	G40		0

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A&S	ML	FR	5512	<b>Francophone Literature and Culture of the Americas</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5514	<b>Early Modern Non-Fiction Prose: 16th-18th-Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5515	<b>Early Modern Poetry: 16th-18th- Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5516	<b>Prose Fiction of the 17th and 18th- Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5517	<b>Drama of the 17th and 18th Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5518	<b>Prose Fiction of the 19th- Century</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5519	<b>Poetry of the 19th- and 20th- Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5520	<b>Drama of the 19th- and 20th- Centuries</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5521	<b>Prose Fiction of the 20th- Century</b>	LEC	LE	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									
A&S	ML	FR	5640	<b>Theory of Teaching French</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: 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).									
A&S	ML	FR	5810	<b>French for Graduates: Reading I</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	FR	5820	<b>French for Graduates: Reading II</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.									
A&S	ML	FR	5900	<b>Special Topics</b>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>FR</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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>	RSC	RS	1 to 4	24		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 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>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>FR</b>	<b>6900</b>	<b>Special Topics in French</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>FR</b>	<b>6902</b>	<b>Seminar</b>	SEM	SE	4	8		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: 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>	PRA	PR	1	4		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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	EL	1 to 4	8		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Supervised research projects.									
A&S	ML	<b>FR</b>	<b>6930</b>	<b>Independent Study in French</b>	IND	IS	1 to 4	8		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Supervised research projects.									
A&S	ML	<b>FR</b>	<b>6940</b>	<b>Directed Readings in French Language, Literature, and Culture</b>	RSC	RS	1 to 12	12		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 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>	THE	TH	1 to 12	12		I	G40		0
				ELIGIBLE GRADES: A-F, PR 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>	LEC	LE	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: A-F REQUISITE: German placement level 1110 and WARNING: No credit for this course if taken after the following: GER 1120 or course in GER above 2000									
				COURSE DESC: Introduction to pronunciation and basic grammar. Development of comprehension and speaking skills. First course in beginning sequence.									
A&S	ML	<b>GER</b>	<b>1120</b>	<b>Elementary German II</b>	LEC	LE	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: 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>2110</b>	<b>Intermediate German I</b>	LEC	LE	3	0	2CP	N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: German placement level 2110 or C- or better in GER 1120 and WARNING: No credit for this course if taken after the following: GER 2120 or course in GER above 3000									
				COURSE DESC: Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review. First course of intermediate-level sequence.									
A&S	ML	<b>GER</b>	<b>2120</b>	<b>Intermediate German II</b>	LEC	LE	3	0	2CP	N	U30		0
				ELIGIBLE GRADES: 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>	SEM	SE	3	6		N	U30		0
				ELIGIBLE GRADES: CR, F REQUISITE: GER 1110									
				COURSE DESC: Presentation of German drama on stage. Practice and training in pronunciation and inflection of German in a public theater performance.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>GER</b>	<b>2900</b>	<b>Special Topics in German</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>GER</b>	<b>2900</b>	<b>Special Topics in German</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>GER</b>	<b>2930</b>	<b>Independent Study in German</b>	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: GER 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 2120 or German placement level 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3110 Study of major literary works of the 20th and 21st centuries.									
A&S	ML	<b>GER</b>	<b>3910</b>	<b>Internship in German</b>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3120 Selected problems in analysis and classroom presentation of German morphology and syntax.									
A&S	ML	<b>GER</b>	<b>4441</b>	<b>Stylistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3120 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3120 Analysis and application of advanced morphology and syntax concepts and structures in German.									
A&S	ML	<b>GER</b>	<b>4450</b>	<b>Advanced Language Skills Application</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: GER 3120 Analysis and application of advanced morphology and syntax concepts and structures in German.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>GER</b>	<b>4529</b>	<b>20th-Century Austrian Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		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>4900</b>	<b>Special Topics</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		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	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	6 Hours in GER 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	<b>GER</b>	<b>4930</b>	<b>Independent Study in German</b>	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	6 Hours in GER 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	<b>GER</b>	<b>5110</b>	<b>German for Graduate Reading Requirements I</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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>GER</b>	<b>5120</b>	<b>German for Graduate Reading Requirements II</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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>GER</b>	<b>5210</b>	<b>German for Graduate Reading Requirements III</b>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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>GER</b>	<b>5220</b>	<b>German for Graduate Reading Requirements IV</b>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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>GER</b>	<b>5310</b>	<b>German for Graduate Reading Requirements V</b>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>GER</b>	<b>5810</b>	<b>German for Graduates: Reading I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5900</b>	<b>Special Topics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme.									
A&S	ML	<b>GER</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	<b>ILML</b>	<b>2900</b>	<b>Special Topics in International Literature - Modern Languages</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Selected literary works from Russia (or former Soviet Union) in English translation. Topic varies. No knowledge of Russian necessary.									
A&S	ML	<b>ILML</b>	<b>2907</b>	<b>Caribbean Literature in English</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study the literature of the Caribbean in English translation. No knowledge of foreign languages required.									



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A&S	ML	<b>ITAL</b>	<b>1110</b>	<b>Elementary Italian I</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: No credit for this course if taken after the followin:	ITAL 1120 or ITAL 2000 or 3000 level course						
		COURSE DESC:		Beginning course of first-year sequence.									
A&S	ML	<b>ITAL</b>	<b>1120</b>	<b>Elementary Italian II</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ITAL 1110 and	WARNING: No credit for this course if taken after the following: ITAL at 2000 or 3000 level						
		COURSE DESC:		Second course of two semester first-year sequence.									
A&S	ML	<b>ITAL</b>	<b>2110</b>	<b>Intermediate Italian I</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ITAL 1120 and	WARNING: No credit for this course if taken after the following: ITAL 2120 or course in ITAL at 3000 level						
		COURSE DESC:		First course of intermediate-level sequence.									
A&S	ML	<b>ITAL</b>	<b>2120</b>	<b>Intermediate Italian II</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ITAL 2110 and	WARNING: No credit for this course if taken after the following: ITAL course at 3000 level						
		COURSE DESC:		Second course of intermediate-level sequence.									
A&S	ML	<b>ITAL</b>	<b>2900</b>	<b>Special Topics in Italian</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:											
A&S	ML	<b>ITAL</b>	<b>2900</b>	<b>Special Topics in Italian</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:											
A&S	ML	<b>ITAL</b>	<b>2930</b>	<b>Independent Study in Italian</b>	IND	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	ITAL 2120							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITAL 2120							
		COURSE DESC:		First course of advanced level sequence.									
A&S	ML	<b>ITAL</b>	<b>3120</b>	<b>Advanced Conversation and Composition II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITAL 3110							
		COURSE DESC:		Second course of advanced level sequence.									
A&S	ML	<b>ITAL</b>	<b>3348</b>	<b>Italian Civilization and Culture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITAL 3120							
		COURSE DESC:		Study of Italian culture and civilization topics.									
A&S	ML	<b>ITAL</b>	<b>3910</b>	<b>Internship in Italian</b>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	Permission required							
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:											
A&S	ML	<b>ITAL</b>	<b>4900</b>	<b>Special Topics in Italian</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:											
A&S	ML	<b>ITAL</b>	<b>5110</b>	<b>Italian for Graduate Reading Requirement I</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Part of a two-semester, first-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with basic proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a first-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of "D-" level or above. Work below that level will receive an F.									

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A&S	ML	<b>ITAL</b>	<b>5120</b>	<b>Italian for Graduate Reading Requirement II</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	<b>ITAL</b>	<b>5900</b>	<b>Special Topics in Italian</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	<b>ITAL</b>	<b>5940</b>	<b>Graduate Study in Italy</b>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A survey of German film from the 20th century to the present. Analysis of the content, formal strategies, and the historical context of major works. All films subtitled.									
A&S	ML	<b>ML</b>	<b>2400</b>	<b>Language Immersion through Community-Based Service Learning during Study Abroad</b>	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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.									

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A&S	ML	<b>ML</b>	<b>2491</b>	<b>Preparation for Study Abroad: Austria</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Austria. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.	LEC	EL	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2491</b>	<b>Preparation for Study Abroad: Austria</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Austria. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2492</b>	<b>Preparation for Study Abroad: France</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in France. Covers linguistic, cultural and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2493</b>	<b>Preparation for Study Abroad: Mexico</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Mexico. Covers linguistic, cultural and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2494</b>	<b>Preparation for Study Abroad: Spain</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Spain. Covers linguistic, and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2495</b>	<b>Preparation for Study Abroad: Russia</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Russia. Covers linguistic, cultural and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2496</b>	<b>Preparation for Study Abroad: Ecuador</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Ecuador. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2497</b>	<b>Preparation for Study Abroad: Italy</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Prepares students to study abroad in Italy. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.	LEC	LE	1 to 2	0		I	U30		0
A&S	ML	<b>ML</b>	<b>2900</b>	<b>Special Topics in Modern Languages</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	ML	<b>ML</b>	<b>2900</b>	<b>Special Topics in Modern Languages</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	ML	<b>ML</b>	<b>2910</b>	<b>Field Studies Abroad</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Designed to introduce participants in various study abroad programs to various aspects of life in target country.	FLD	FE	1 to 3	9		I	U30		0
A&S	ML	<b>ML</b>	<b>3210J</b>	<b>Writing in Two Languages</b> ELIGIBLE GRADES: A-F COURSE DESC: Course designed for the English-speaking student with two or more years of French (or course-specific language) who would like to improve his or her English writing skills using a comparative language approach.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	<b>ML</b>	<b>3270J</b>	<b>Translation as Writing</b> ELIGIBLE GRADES: A-F COURSE DESC: An introduction to the practice and theory of translation into English with special emphasis on translation as a form of writing/composition. Analysis and discussion of good writing and of the students' own translations and compositions.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	<b>ML</b>	<b>3280J</b>	<b>Translation as Writing: Spanish to English</b> ELIGIBLE GRADES: A-F 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 workshoping, lectures and discussions on unique problems of translating from Spanish to English, and in-class writing and analytical exercises.	LEC	LE	3	0	1J	N	U30		0
A&S	ML	<b>ML</b>	<b>4610</b>	<b>Technology in Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	EL	3	0		N	U30		0

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A&S	ML	<b>ML</b>	<b>4610</b>	<b>Technology in Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	LE	3	0		N	U30		0
A&S	ML	<b>ML</b>	<b>4630</b>	<b>Video in Foreign Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Develops students' abilities to evaluate foreign language video materials, teach techniques for developing their own video programs, and familiarize them with methods for integrating authentic video into the foreign language curriculum.	LEC	LE	3	0		N	U30		0
A&S	ML	<b>ML</b>	<b>4635</b>	<b>Teaching Foreign Languages in the Elementary School</b> ELIGIBLE GRADES: A-F COURSE DESC: Readings and discussions of the cognitive development of children and second language acquisition provide the basis for practical class work. Students design units and prepare learning activities to present in class. Lab experience includes 20 hours observation and participation on the elementary school level. Required of all foreign language majors who plan to teach.	LEC	LE	3	0		N	U30		0
A&S	ML	<b>ML</b>	<b>4645</b>	<b>Teaching of Modern Foreign Languages</b> ELIGIBLE GRADES: A-F COURSE DESC: Study, demonstration, and use of methods and materials for effective modern foreign language instruction. Required of majors who plan to teach foreign languages.	LEC	LE	3	0		N	U30		0
A&S	ML	<b>ML</b>	<b>4900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: Topic varies.	LEC	EL	3	6		N	U30		0
A&S	ML	<b>ML</b>	<b>4900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: Topic varies.	LEC	LE	3	6		N	U30		0
A&S	ML	<b>ML</b>	<b>5610</b>	<b>Technology in Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	EL	4	8		N	G40		0
A&S	ML	<b>ML</b>	<b>5610</b>	<b>Technology in Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Use of computers and associated media as correlated with modern language classroom; instruction in selection, preparation, and use of materials and tests, and in successful operation of computers, lab, and classroom equipment.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>ML</b>	<b>5630</b>	<b>Video in Foreign Language Teaching</b> ELIGIBLE GRADES: A-F COURSE DESC: Develops students' abilities to evaluate foreign language video materials, teach techniques for developing their own video programs, and familiarize them with methods for integrating authentic video into the foreign language curriculum.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>ML</b>	<b>5635</b>	<b>Teaching Foreign Languages in the Elementary School</b> ELIGIBLE GRADES: A-F COURSE DESC: Readings and discussions of the cognitive development of children and second language acquisition provide the basis for practical class work. Students design units and prepare learning activities to present in class. Lab experience includes 20 hours observation and participation on the elementary school level. Required of all foreign language majors who plan to teach.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>ML</b>	<b>5645</b>	<b>Teaching of Modern Foreign Languages</b> ELIGIBLE GRADES: A-F COURSE DESC: Study, demonstration, and use of methods and materials for effective modern foreign language instruction. Required of majors who plan to teach foreign languages.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>ML</b>	<b>5900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Topic varies.	LEC	EL	1 to 15	999		N	G40		0
A&S	ML	<b>ML</b>	<b>5900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Topic varies.	LEC	LE	1 to 15	999		N	G40		0

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A&S	ML	<b>PORT</b>	<b>3110</b>	<b>Portuguese I</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		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>4900</b>	<b>Special Topics</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PORT 3110 Reading and discussion of assigned materials (books, periodicals, films) on specific topics. Does not satisfy language requirement.									
A&S	ML	<b>PORT</b>	<b>4930</b>	<b>Independent Study in Portuguese</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PORT 3110 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Continuation of Portuguese I. (See Portuguese I for description.)									
A&S	ML	<b>PORT</b>	<b>5180</b>	<b>Portuguese III</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Beginning course of 2nd-year sequence with emphasis on oral proficiency.									
A&S	ML	<b>PORT</b>	<b>5190</b>	<b>Portuguese IV</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Continuation of Portuguese III. See Portuguese III for description.									
A&S	ML	<b>PORT</b>	<b>5900</b>	<b>Special Topics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.									

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A&S	ML	<b>PORT</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	1 to 4	24		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>PORT</b>	<b>6900</b>	<b>Special Topics in Portuguese</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>PORT</b>	<b>6930</b>	<b>Independent Study in Portuguese</b>	IND	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Reading and discussion of assigned materials (books, periodicals, films) on specific topics.									
A&S	ML	<b>PORT</b>	<b>6930</b>	<b>Independent Study in Portuguese</b>	IND	IS	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for this course if taken after the following: RUS 1120 or course in RUS above 2000 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>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>RUS</b>	<b>2900</b>	<b>Special Topics in Russian</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: RUS 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3110 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 2120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 2120 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>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3120 Systematic study of Russian pronunciation including extensive oral practice.									
A&S	ML	<b>RUS</b>	<b>4439</b>	<b>Structure of Modern Russian</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3120 Advanced grammar and syntax. Emphasis on reading and writing.									
A&S	ML	<b>RUS</b>	<b>4441</b>	<b>Stylistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3120 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3550 and 3560 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3550 and 3560 Selected works from 20th-century Russian literature.									
A&S	ML	<b>RUS</b>	<b>4900</b>	<b>Special Topics</b>	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3550 and 3560 Intensive analysis of major author, literary genre, or theme. May be repeated when subject is changed.									
A&S	ML	<b>RUS</b>	<b>4900</b>	<b>Special Topics</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RUS 3550 and 3560 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	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	8 Hours in RUS at 3000 level						
		COURSE DESC:		Directed individual readings, discussion, and reports at the advanced level. Does not count toward minor.									
A&S	ML	<b>RUS</b>	<b>4930</b>	<b>Independent Study in Russian</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	8 Hours in RUS at 3000 level						
		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>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of $\geq$ D- $\geq$ level or above. Work below that level will receive an F.									
A&S	ML	<b>RUS</b>	<b>5320</b>	<b>Russian for Graduate Reading Requirements VI</b>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of $\geq$ D- $\geq$ level or above. Work below that level will receive an F.									
A&S	ML	<b>RUS</b>	<b>5900</b>	<b>Special Topics</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Intensive analysis of major author, literary genre, or theme. May be repeated when subject is changed.									
A&S	ML	<b>RUS</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	U10	CCE	0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Spanish placement level 1110 and 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.									
A&S	ML	<b>SPAN</b>	<b>1120</b>	<b>Elementary Spanish II</b>	LEC	LE	4	0		N	U10	CCE	0
		ELIGIBLE GRADES:		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.									



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A&S	ML	<b>SPAN</b>	<b>1199</b>	<b>Spanish for Review</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30	CCE	0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	ML	<b>SPAN</b>	<b>2900</b>	<b>Special Topics in Spanish</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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	IS	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SPAN 2120 or Spanish placement level 3110							
		COURSE DESC:		Conversation and written assignments based on readings, films, music and other media. Emphasis on development of writing skills.									
A&S	ML	<b>SPAN</b>	<b>3120</b>	<b>Advanced Conversation and Composition II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>SPAN</b>	<b>3300</b>	<b>Mexican Civilization and Culture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3910</b>	<b>Internship in Spanish</b>	FLD	FE	1 to 4	6		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		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.									
A&S	ML	<b>SPAN</b>	<b>3970T</b>	<b>Spanish Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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	<b>SPAN</b>	<b>3980T</b>	<b>Spanish Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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	<b>SPAN</b>	<b>4375</b>	<b>History of Art in Spain - 1500-present</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4437</b>	<b>Applied Phonetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3460						
		COURSE DESC:		The grammatical structure of modern Spanish.									

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A&S	ML	<b>SPAN</b>	<b>4441</b>	<b>Stylistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		Selected works of contemporary poetry, prose, essay and/or drama. Selection varies.									
A&S	ML	<b>SPAN</b>	<b>4555</b>	<b>Medieval and Golden Age Spanish Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		The literature of medieval, Renaissance and baroque Spain.									
A&S	ML	<b>SPAN</b>	<b>4558</b>	<b>Don Quijote de la Mancha</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		Romanticism, 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		Study of Spanish literature of various genres from 1898 to the 1980s. The course may highlight the generations of 1898 and 1927, 20th-century poetry or theater, or the novel of the early democratic period.									
A&S	ML	<b>SPAN</b>	<b>4570</b>	<b>Contemporary Spanish Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3550						
		COURSE DESC:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3120 or 3215						
		COURSE DESC:		Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second-language-acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials. Does not count toward major.									
A&S	ML	<b>SPAN</b>	<b>4640</b>	<b>Teaching Spanish: Theory and Methodology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3120 or 3215						
		COURSE DESC:		Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second-language-acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials. Does not count toward major.									
A&S	ML	<b>SPAN</b>	<b>4900</b>	<b>Special Topics</b>	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SPAN 3460 or 3550						
		COURSE DESC:		Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>SPAN</b>	<b>4900</b>	<b>Special Topics</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SPAN 3460 or 3550							
		COURSE DESC:		Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.									
A&S	ML	<b>SPAN</b>	<b>4910</b>	<b>Internship in Mexico</b>	FLD	FE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	Permission required and prior Mexico study abroad							
		COURSE DESC:		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	EL	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	6 Hours in SPAN at 3000 level							
		COURSE DESC:		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>4930</b>	<b>Independent Study in Spanish</b>	IND	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	6 Hours in SPAN at 3000 level							
		COURSE DESC:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis writing. Student will finalize thesis proposal and timeline. At least one chapter of the proposed thesis will be fine tuned for conference presentation. Student will finish researching the topic of the thesis and write preliminary drafts of all chapters.									
A&S	ML	<b>SPAN</b>	<b>4980T</b>	<b>Spanish Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis writing. Student will finalize drafts of each chapter, put thesis in final order, submit thesis to second reader for comment. After final approval from DOS, thesis will be submitted electronically following HTC guidelines.									
A&S	ML	<b>SPAN</b>	<b>5110</b>	<b>Spanish for Graduate Reading Requirements I</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		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 $\geq$ D- $\geq$ 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>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of $\geq$ D- $\geq$ level or above. Work below that level will receive an F.									
A&S	ML	<b>SPAN</b>	<b>5320</b>	<b>Spanish for Graduate Reading Requirements VI</b>	LEC	LE	1 to 3	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Part of a two-semester, third-year language sequence for graduate students. Emphasis is on elementary development of reading, listening comprehension, speaking, and writing skills, along with high-level proficiency in grammatical concepts and patterns. Textbook and workbook are required. Registered graduate students attend a section of a third-year undergraduate course; grading for graduates is CR/F, with the grade of CR given for work deemed to be of $\geq$ D- $\geq$ level or above. Work below that level will receive an F.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>SPAN</b>	<b>5348</b>	<b>Spanish Civilization and Culture</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		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>5349</b>	<b>Spanish American Civilization and Culture</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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.									
A&S	ML	<b>SPAN</b>	<b>5437</b>	<b>Applied Phonetics</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The grammatical structure of modern Spanish.									
A&S	ML	<b>SPAN</b>	<b>5441</b>	<b>Stylistics</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>5460</b>	<b>Introduction to Hispanic Linguistics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Selected works of contemporary poetry, prose, essay and/or drama. Selection varies.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	ML	<b>SPAN</b>	<b>5530</b>	<b>Literature of Golden Age Spain</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected representative works from the drama, poetry and/or prose of 16th and 17th century Spain.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5551</b>	<b>Medieval Spanish Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected poetry, prose and drama from the 11th through 15th centuries.	LEC	EL	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5551</b>	<b>Medieval Spanish Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected poetry, prose and drama from the 11th through 15th centuries.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5558</b>	<b>Don Quijote de la Mancha</b> ELIGIBLE GRADES: A-F COURSE DESC: Intensive study of part one and part two of Cervantes's novel.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5560</b>	<b>19th-Century Spanish Literature - 1800-1898</b> ELIGIBLE GRADES: A-F COURSE DESC: Romanticism, costumbrismo, realismo and other movements in drama, essay, narrative fiction and poetry.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5565</b>	<b>20th-Century Spanish Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of Spanish literature of various genres from 1898 to the 1980s. The course may highlight the generations of 1898 and 1927, 20th-century poetry or theater, or the novel of the early democratic period.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5570</b>	<b>Contemporary Spanish Literature</b> ELIGIBLE GRADES: A-F COURSE DESC: Analysis of selected contemporary Spanish poetry, prose fiction and/or drama.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5640</b>	<b>Teaching Spanish: Theory and Methodology</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides an introduction to the philosophy and theoretical orientation of the teaching of Spanish language and cultures; an introduction to issues in second language acquisition research, with a focus on Spanish; and opportunities to develop professional and instructional materials.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5810</b>	<b>Spanish for Graduates: Reading I</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: 5810 and 5820 are courses designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such, these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.	LEC	LE	4	8		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5820</b>	<b>Spanish for Graduates: Reading II</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: 5810 and 5820 are courses designed specifically for graduate students, to provide them with a reading knowledge in the language sufficient for them to meet their language requirement by passing their department's translation exam. As such these courses have similar outcomes to the 5110-5120 series, but differ from them in that students enrolled in 5810 and 5820 do not attend an undergraduate language sequence course.	LEC	LE	4	0		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5900</b>	<b>Special Topics in Spanish</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5900</b>	<b>Special Topics in Spanish</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
A&S	ML	<b>SPAN</b>	<b>5940</b>	<b>Graduate Study in Spain or Latin America</b> ELIGIBLE GRADES: A-F, 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.	RSC	RS	1 to 4	24		N	G40		0
A&S	ML	<b>SPAN</b>	<b>6900</b>	<b>Special Topics in Spanish</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0

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A&S	ML	<b>SPAN</b>	<b>6900</b>	<b>Special Topics in Spanish</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	ML	<b>SPAN</b>	<b>6902</b>	<b>Seminar</b>	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	PRA	PR	1	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Supervised research projects.									
A&S	ML	<b>SPAN</b>	<b>6930</b>	<b>Independent Study in Spanish</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Supervised research projects.									
A&S	ML	<b>SPAN</b>	<b>6940</b>	<b>Directed Readings in Spanish Language, Literature, and Culture</b>	RSC	RS	4	24		I	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required									
A&S	ML	<b>SPAN</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
A&S	ML	<b>T3</b>	<b>4120</b>	<b>Cross-Cultural Studies in Modern Languages</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Wide-ranging analysis, through literary and other artistic works of social, political, economic, linguistic, aesthetic, ethical, religious issues for differing cultural perspectives, one of which will be the student's native culture. Graded activities: oral (daily participation; reports) and written (essays; term project; take-home final exam). Taught in English.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	MUS	<b>MUS</b>	<b>3800X</b>	<b>Wagner and The Ring of the Nibelungen</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Music major and B- or better in (MUS 1250 or 3210 or 3220) A study of the life and work of German Romantic opera composer Richard Wagner with special focus on his magnum opus: Der Ring des Nibelungen. The course will include class lectures, discussions, audio/visual presentations, etc. The course will culminate with a week-long trip to Washington, DC to see the Washington National Opera company's production of The Ring and attendance at a variety of lectures being presented in conjunction with the production. The trip would occur immediately after the end of our spring semester. The trip to DC for the performances is a required component of the class.									
A&S	MUS	<b>MUS</b>	<b>5800X</b>	<b>Wagner and The Ring of the Nibelungen</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Music major and B- or better in (MUS 1250 or 3210 or 3220) A study of the life and work of German Romantic opera composer Richard Wagner with special focus on his magnum opus: Der Ring des Nibelungen. The course will include class lectures, discussions, audio/visual presentations, etc. The course will culminate with a week-long trip to Washington, DC to see the Washington National Opera company's production of The Ring and attendance at a variety of lectures being presented in conjunction with the production. The trip would occur immediately after the end of our spring semester. The trip to DC for the performances is a required component of the class.									



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A&S	OPIE	<b>OPIE</b>	<b>D100</b>	<b>Foundations in English CORE Skills</b>	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:	Course is developmental PERMISSION REQUIRED Paper TOEFL: 350 min. IBT: 20 min. Placement Test: 45 min. Composition: 10 min.							
		COURSE DESC:		This course is one component of full-time study of English as a second language for students at the elementary level whose ultimate aim is academic study. Four hours of classroom instruction are designed to provide students with instruction and practice in basic listening and speaking for everyday communication.									

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A&S	OPIE	<b>OPIE</b>	<b>D202</b>	<b>Elementary Reading/Writing</b>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	12	72		I	U10		0
		ELIGIBLE GRADES:		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>PreAcademic Core Skills</b>	LEC	LE	12	72		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		I	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
					Course is developmental								
					PERMISSION REQUIRED								
					Paper TOEFL: 451 minimum								
					IBT: 46 minimum								
					Composition: 36 minimum								
		COURSE DESC:			This course will focus on improving the accuracy of students' speaking abilities. Students will have the opportunity to learn and practice the individual sounds, rhythm, intonation, and stress associated with spontaneous and planned spoken English. In addition, students will study current issues through the use of news-related listening materials and class discussions. These discussions of current events will provide the primary means for student improvement by enabling students to practice speaking in a relevant and engaging context.								

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	<b>OPIE</b>	<b>D704</b>	<b>Native Americans of the U.S.</b>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
				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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
				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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
				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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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 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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
				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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
				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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	24		N	U10		0
		ELIGIBLE GRADES:		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>D900</b>	<b>Special Studies in American English: Language and Culture</b>	TUT	TU	1 to 15	90		N	U10		0
		ELIGIBLE GRADES:		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 Core Skills 1</b>	LEC	LE	8	48		N	U10		0
		ELIGIBLE GRADES:		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 Core 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 Core Skills 2</b>	LEC	LE	8	48		I	U10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:	Permission required							
		COURSE DESC:		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. Increases 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>	LEC	LE	8	48		N	U10		0
		ELIGIBLE GRADES:		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.									
A&S	OPIE	<b>OPIE</b>	<b>5100D</b>	<b>Foundations in English CORE Skills</b>	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC	REQUISITE:								
		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.									

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A&S	OPIE	<b>OPIE</b>	<b>5102D</b>	<b>Foundations in Reading and Writing</b>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>5400D</b>	<b>High-Intermediate Core Skills</b>	LEC	LE	9	54		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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.									



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A&S	OPIE	<b>OPIE</b>	<b>5500D</b>	<b>Advanced Core Skills</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	9	54		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5600D</b>	<b>PreAcademic Core Skills</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	9	54		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5701D</b>	<b>Academic Listening/Note-taking/Speaking</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5702D</b>	<b>Advanced Reading Skills</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5703D</b>	<b>Pronunciation through Current Events</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5704D</b>	<b>Native Americans of the U.S.</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5705D</b>	<b>Public Speaking</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5706D</b>	<b>Beefing Up Your Academic Vocabulary</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5707D</b>	<b>Intercultural Communication</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0
A&S	OPIE	<b>OPIE</b>	<b>5708D</b>	<b>Ecology and the Environment</b> ELIGIBLE GRADES: CR, F, 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.	LEC	LE	3 to 4	24		N	G10		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	<b>OPIE</b>	<b>5709D</b>	<b>American Culture</b>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>5714D</b>	<b>Adventures in Mythology</b>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	4		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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.									

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A&S	OPIE	<b>OPIE</b>	<b>5806D</b>	<b>Techniques for Gathering and Evaluating Research Information and for Research Writing</b>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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>5809D</b>	<b>Reading and Writing about Literature</b>	LEC	LE	3 to 4	24		N	G10		0
		ELIGIBLE GRADES:		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>5900</b>	<b>Special Topics in Ohio Program of Intensive English</b>	LEC	EL	1 to 15	999		N	G10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	OPIE	<b>OPIE</b>	<b>5900</b>	<b>Special Topics in Ohio Program of Intensive English</b>	LEC	LE	1 to 15	999		N	G10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	TUT	TU	1 to 15	90		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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 Core Skills 1</b>	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		COURSE DESC:		Academic Core 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 Core Skills 2</b>	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		COURSE DESC:		Academic Core 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>	LEC	LE	6 to 8	48		N	G10		0
		ELIGIBLE GRADES:		CR, F, NC		REQUISITE:							
		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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	<b>BIOL</b>	<b>1010</b>	<b>Principles of Biology</b>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Non-science majors and WARNING: not BIOS 1700 or PBIO 1100 or 1140							
		COURSE DESC:		Designed for nonscience majors. Principles of cell biology, physiology, ecology, genetics, and evolution. No credit for 1010 if already have credit for BIOS 1700 or PBIO 1140. 3 lec 2 lab.									
A&S	PBIO	<b>BIOL</b>	<b>1010</b>	<b>Principles of Biology</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Non-science majors and WARNING: not BIOS 1700 or PBIO 1100 or 1140							
		COURSE DESC:		Designed for nonscience majors. Principles of cell biology, physiology, ecology, genetics, and evolution. No credit for 1010 if already have credit for BIOS 1700 or PBIO 1140. 3 lec 2 lab.									
A&S	PBIO	<b>BIOL</b>	<b>2900</b>	<b>Special Topics in Biology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>BIOL</b>	<b>2900</b>	<b>Special Topics in Biology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Non-science majors							
		COURSE DESC:		For nonscience majors. Examines the importance of plants in providing global resources for humans and the impact of human activity on the sustainability of these resources. The course places a particular focus on the importance of climate and energy policy as they relate to our uses of plants and the impact that changing climate would be expected to have on plants.									
A&S	PBIO	<b>PBIO</b>	<b>1000L</b>	<b>Plants and the Global Environment Laboratory</b>	LAB	LB	1	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Interrelationships of plants and humans from both historical and modern points of view, origins of agriculture and civilization, tropical and temperate food plants, medicinal plants, drug plants, destruction of environment, and its ultimate effect on food plants.									
A&S	PBIO	<b>PBIO</b>	<b>1090</b>	<b>Americans and their Forests: Ecology, Conservation and History</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: not BIOS 1700							
		COURSE DESC:		Introduces the concepts of plant physiology and cellular and molecular biology that are the foundation of all biological processes. Topics include DNA structure and function leading to genetics and evolution, theories of the origins of life leading to cell structure and function, and bioenergetics. The lab provides supplemental information and hands on activities to reinforce the lecture topics.									

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A&S	PBIO	<b>PBIO</b>	<b>1150</b>	<b>Plant Structure and Development</b>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>1150</b>	<b>Plant Structure and Development</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>2010</b>	<b>Plant Biology for Gardeners</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>2050</b>	<b>Biotechnology: From the Lab to Daily Life</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	1	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		A seminar/discussion course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will introduce the topic of bioinformatics and explore the educational and job opportunities in the field.									
A&S	PBIO	<b>PBIO</b>	<b>2140</b>	<b>Exploring Bioinformatics</b>	LEC	LE	1	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		A seminar/discussion course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will introduce the topic of bioinformatics and explore the educational and job opportunities in the field.									

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COURSE LISTING  
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A&S	PBIO	<b>PBIO</b>	<b>2170</b>	<b>Women in Science</b>	LEC	EL	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The lives and discoveries of women scientists worldwide from 1800 to present are examined through biographies, films, speakers, personal interviews, lectures, writing, and discussion. Historical and current trends, including traditional and feminist methodologies, are considered for the sciences, science education, and society. No majors credit; Does not satisfy Arts and Science: Natural Science distribution requirement.									
A&S	PBIO	<b>PBIO</b>	<b>2170</b>	<b>Women in Science</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The lives and discoveries of women scientists worldwide from 1800 to present are examined through biographies, films, speakers, personal interviews, lectures, writing, and discussion. Historical and current trends, including traditional and feminist methodologies, are considered for the sciences, science education, and society. No majors credit; Does not satisfy Arts and Science: Natural Science distribution requirement.									
A&S	PBIO	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	LAB	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	LAB	LB	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1700 or PBIO 1140						
		COURSE DESC:		Provides an introduction to biological research including how to design an experiment, collect and analyze data, and write up and present the results. Students select from several possible research areas, produce a proposal for a research project, conduct the research, and produce a lab report/manuscript, a scientific poster and an abstract from the results.									
A&S	PBIO	<b>PBIO</b>	<b>2200</b>	<b>Woody Plants</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2200</b>	<b>Woody Plants</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>2470</b>	<b>Biomes of the World</b>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Detailed survey of biomes around the world. Broad characterization of each ecosystem globally is coupled with details on representative protected areas for each biome in North America. Emphasis is placed on geologic and ecological processes determining vegetation zones and the plant and animal species characteristic of each biome. Conservation issues, human impacts, and products for human use, are discussed throughout the course.									

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A&S	PBIO	<b>PBIO</b>	<b>2480</b>	<b>Dendrology: A Study of Trees, Shrubs, and Lianas</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		PBIO 1150 or BIOS 1710 or GEOG 1100 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>2480</b>	<b>Dendrology: A Study of Trees, Shrubs, and Lianas</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		PBIO 1150 or BIOS 1710 or GEOG 1100 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>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>2840</b>	<b>Introduction to Global Studies in Plant Biology seminar</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Current and/or special topics in plant biology.									
A&S	PBIO	<b>PBIO</b>	<b>2900</b>	<b>Special Topics in Plant Biology</b>	SEM	SE	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Current and/or special topics in plant biology.									
A&S	PBIO	<b>PBIO</b>	<b>2970T</b>	<b>Plant Biology Tutorial</b>	TUT	EL	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	<b>PBIO</b>	<b>2970T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	<b>PBIO</b>	<b>2971T</b>	<b>Plant Biology Tutorial</b>	TUT	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		[Seminar contents varies.]									
A&S	PBIO	<b>PBIO</b>	<b>2971T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		[Seminar contents varies.]									
A&S	PBIO	<b>PBIO</b>	<b>2980T</b>	<b>Plant Biology Tutorial</b>	TUT	EL	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	PBIO 2970T							
		COURSE DESC:		[Seminar contents varies.]									
A&S	PBIO	<b>PBIO</b>	<b>2980T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	PBIO 2970T							
		COURSE DESC:		[Seminar contents varies.]									
A&S	PBIO	<b>PBIO</b>	<b>2981T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		[Seminar contents varies.]									

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A&S	PBIO	<b>PBIO</b>	<b>3010</b>	<b>Lab in Cell and Molecular Plant Physiology</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>3020</b>	<b>Soil Microbial Analysis Lab</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1520 is required and (PBIO 4380 is recommended) 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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>3060X</b>	<b>Freshwater Algae</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1150 Students will learn about freshwater algae and their role in the environment through interactive lectures. Students will conduct independent learning through making their photo collections working in small groups on a project. Topics to be explored in the course include taxonomy, ecology and used of freshwater algae, with emphasis on identification of common or representative genera, the role of algae in freshwater systems and the practical uses of algae to assess environmental problems and to use as biofuels and sources for novel products.									
A&S	PBIO	<b>PBIO</b>	<b>3070X</b>	<b>Introduction to Bryophytes</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1150 Students will learn about moss biology and its role in the environment through interactive lectures in both indoor and outdoor settings. Students will conduct independent learning through making their own collections and observations of mosses. Topics to be explored in the course include morphology, anatomy, ecology, biogeography and systematics of bryophytes., with emphasis on identification of common and representative genera, the significance of bryophyte distribution patterns, and the role that bryophytes play in terrestrial and aquatic systems, and the impact of environmental factors on bryophytes.									
A&S	PBIO	<b>PBIO</b>	<b>3080</b>	<b>Structural Botany</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1150 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1150 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1140 and 1150 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1140 and 1150 Morphology and life history studies of selected fungi of major groups; collection, isolation, and growth of selected fungi; fungal activities. 2 lec, 2 lab.									



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A&S	PBIO	<b>PBIO</b>	<b>3140</b>	<b>Exploring Bioinformatics Seminar</b>	SEM	EL	1	6	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PBIO 2140 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>3140</b>	<b>Exploring Bioinformatics Seminar</b>	SEM	SE	1	6	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PBIO 2140 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 15 Hours in PBIO Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	<b>PBIO</b>	<b>3150</b>	<b>Statistical Methods in Plant Biology</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 15 Hours in PBIO Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	<b>PBIO</b>	<b>3150</b>	<b>Statistical Methods in Plant Biology</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 15 Hours in PBIO Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, and parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics. 3 lec. 2 lab									
A&S	PBIO	<b>PBIO</b>	<b>3160</b>	<b>Horticultural Management and Techniques</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1150 identification of vascular plants (pteridophytes, gymnosperms and angiosperms) of Ohio, mainly southeastern Ohio, in vegetative and reproductive condition; largely conducted in the field, includes a weekend field trip									
A&S	PBIO	<b>PBIO</b>	<b>3220</b>	<b>Tropical Plant Ecology</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 3750 or GEOG 3160 or PBIO 2090 Tropical forest studies around the world, including basic plant ecology, conservation, and management.									
A&S	PBIO	<b>PBIO</b>	<b>3240</b>	<b>Plant Physiology</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1140 and 1150 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1140 and 1150 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 1140 and 1150 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 2090 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PBIO 2090 A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. The class is structured to combine lectures, discussions and a hands-on lab approach to exploring the physiological and anatomical adaptations of plants to their environments. Labs will introduce students to state-of-the-art instrumentation and technology which are used to 1) assess biotic and abiotic factors affecting plants and 2) use instrumentation to quantify plant physiological responses to their environment. Students work in groups and actively use knowledge and skill taught in lecture and labs to perform student led ecophysiological experiments.									

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A&S	PBIO	<b>PBIO</b>	<b>3300</b>	<b>Plant Genetics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3300</b>	<b>Plant Genetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2200 or GEOG 1400 or GEOL 2150 or PBIO 2090							
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	<b>PBIO</b>	<b>3330</b>	<b>Restoration Ecology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2200 or GEOG 1400 or GEOL 2150 or PBIO 2090							
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	<b>PBIO</b>	<b>3400</b>	<b>Development and Evolution of Land Plants</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 1700 or 1140							
		COURSE DESC:		Growth and development in flowering plants. Topics include cell growth and differentiation in developing meristems; tissue and organ development in culture, dormancy and germination; flower induction; seed formation; growth regulators; and senescence.									
A&S	PBIO	<b>PBIO</b>	<b>3530</b>	<b>Plant Developmental Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 1700 or 1140							
		COURSE DESC:		Growth and development in flowering plants. Topics include cell growth and differentiation in developing meristems; tissue and organ development in culture, dormancy and germination; flower induction; seed formation; growth regulators; and senescence.									
A&S	PBIO	<b>PBIO</b>	<b>3935H</b>	<b>Thesis Development</b>	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	<b>PBIO</b>	<b>3970T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Seminar contents varies.									

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A&S	PBIO	<b>PBIO</b>	<b>3980T</b>	<b>Plant Biology Tutorial</b>	TUT	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Seminar contents varies.									
A&S	PBIO	<b>PBIO</b>	<b>3980T</b>	<b>Plant Biology Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3 to 6	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3 to 6	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4160</b>	<b>Problem Solving with Bioinformatics Tools</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									

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

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A&S	PBIO	<b>PBIO</b>	<b>4350</b>	<b>Plant Population Biology and Community Ecology</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	<b>PBIO</b>	<b>4350</b>	<b>Plant Population Biology and Community Ecology</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	<b>PBIO</b>	<b>4350</b>	<b>Plant Population Biology and Community Ecology</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	<b>PBIO</b>	<b>4380</b>	<b>Soil Properties and Ecosystem Processes</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	<b>PBIO</b>	<b>4380</b>	<b>Soil Properties and Ecosystem Processes</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	<b>PBIO</b>	<b>4420</b>	<b>Experimental Anatomy of Plant Development</b>	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	<b>PBIO</b>	<b>4420</b>	<b>Experimental Anatomy of Plant Development</b>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	<b>PBIO</b>	<b>4500</b>	<b>Biotechnology and Genetic Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		For upper level undergraduate students. Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	<b>PBIO</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	<b>PBIO</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3 to 6	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3 to 6	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>4900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>4910</b>	<b>Internship</b>	FLD	EL	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>4910</b>	<b>Internship</b>	FLD	FE	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	RSC	EL	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	12 Hours in PBIO and (Jr or Sr)						
		COURSE DESC:		Independent research under supervision of faculty member.									
A&S	PBIO	<b>PBIO</b>	<b>4940</b>	<b>Undergraduate Research</b>	RSC	RS	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	12 Hours in PBIO and (Jr or Sr)						
		COURSE DESC:		Independent research under supervision of faculty member.									
A&S	PBIO	<b>PBIO</b>	<b>4941</b>	<b>Undergraduate Research/Written Presentation</b>	RSC	RS	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PBIO 4940 and 30 hours cumulative in BIOS, CHEM, GEOG, GEOL, & PBIO and Sr and permission required						
		COURSE DESC:		An independent research experience that includes a formal written presentation of the work. All work will be done under the supervision of a faculty member.									
A&S	PBIO	<b>PBIO</b>	<b>4945H</b>	<b>Thesis</b>	RSC	RS	2 to 4	4	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PBIO 4940 or 4941						
		COURSE DESC:		Preparation of an honors thesis based on original research.									
A&S	PBIO	<b>PBIO</b>	<b>4970T</b>	<b>Plant Biology Tutorial</b>	TUT	EL	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.									

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A&S	PBIO	<b>PBIO</b>	<b>4970T</b>	<b>Plant Biology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar contents varies.	TUT	TU	1 to 15	0		N	U30		0
A&S	PBIO	<b>PBIO</b>	<b>4980T</b>	<b>Plant Biology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar contents varies.	TUT	EL	1 to 15	0		N	U30		0
A&S	PBIO	<b>PBIO</b>	<b>4980T</b>	<b>Plant Biology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar contents varies.	TUT	TU	1 to 15	0		N	U30		0
A&S	PBIO	<b>PBIO</b>	<b>5010</b>	<b>Lab in Cell and Molecular Plant Physiology</b> ELIGIBLE GRADES: A-F COURSE DESC: Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.	LAB	LB	2	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5010</b>	<b>Lab in Cell and Molecular Plant Physiology</b> ELIGIBLE GRADES: A-F COURSE DESC: Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.	LEC	EL	2	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5010</b>	<b>Lab in Cell and Molecular Plant Physiology</b> ELIGIBLE GRADES: A-F COURSE DESC: Lab CaMPP is an intensive (1 week) laboratory experience in plant cell and molecular biology and physiology research techniques. Topics cover DNA manipulation, protein biochemistry, and cell fractionation.	LEC	LE	2	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5020</b>	<b>Soil Microbial Analysis lab</b> ELIGIBLE GRADES: A-F COURSE DESC: This one-week long course is an intensive laboratory experience in soil science, biogeochemistry, and microbial ecology. Students will become familiar with techniques and instrumentation to estimate soil quality and the composition and function of soil microorganisms from a field experiment.	LAB	LB	2	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5020</b>	<b>Soil Microbial Analysis lab</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5060X</b>	<b>Freshwater Algae</b> ELIGIBLE GRADES: A-F COURSE DESC: Students will learn about freshwater algae and their role in the environment through interactive lectures. Students will conduct independent learning through making their photo collections working in small groups on a project. Topics to be explored in the course include taxonomy, ecology and used of freshwater algae, with emphasis on identification of common or representative genera, the role of algae in freshwater systems and the practical uses of algae to assess environmental problems and to use as biofuels and sources for novel products.	LEC	LE	3	0		N			0
A&S	PBIO	<b>PBIO</b>	<b>5070X</b>	<b>Introduction to Bryophytes</b> ELIGIBLE GRADES: A-F COURSE DESC: Students will learn about moss biology and its role in the environment through interactive lectures in both indoor and outdoor settings. Students will conduct independent learning through making their own collections and observations of mosses. Topics to be explored in the course include morphology, anatomy, ecology, biogeography and systematics of bryophytes, with emphasis on identification of common and representative genera, the significance of bryophyte distribution patterns, and the role that bryophytes play in terrestrial and aquatic systems, and the impact of environmental factors on bryophytes.	LEC	LE	3	0		N			0
A&S	PBIO	<b>PBIO</b>	<b>5080</b>	<b>Anatomy and Morphology of Vascular Plants</b> ELIGIBLE GRADES: A-F 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.	FLD	FE	4	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5080</b>	<b>Anatomy and Morphology of Vascular Plants</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	4	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>5080</b>	<b>Anatomy and Morphology of Vascular Plants</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G50		0

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A&S	PBIO	<b>PBIO</b>	<b>5090</b>	<b>Plant Systematics and Survey of Vascular Plant Families</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	<b>PBIO</b>	<b>5100</b>	<b>Biology of Fungi</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	<b>PBIO</b>	<b>5100</b>	<b>Biology of Fungi</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Life histories and characteristics unique to fungi. Collection and identification of mushrooms, plant pathogens, and slime molds. Biotrophic, saprotrophic, and necrotrophic relationships of fungi with plants. Field and laboratory.									
A&S	PBIO	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b>	LAB	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lecture: biostatistics and applications in the plant sciences; scientific method, hypothesis testing, and design of experiments; sampling, data analysis, regression and correlation, analysis of variance, parametric and nonparametric statistics. Lab: microcomputer applications in spreadsheet analysis, statistics, and graphics.									
A&S	PBIO	<b>PBIO</b>	<b>5160</b>	<b>Problem Solving with Bioinformatics Tools</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									



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A&S	PBIO	<b>PBIO</b>	<b>5160</b>	<b>Problem Solving with Bioinformatics Tools</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will gain an understanding of the general principles of bioinformatics through the use of bioinformatics tools to analyze data and solve problems designed from current and on-going research in biology.									
A&S	PBIO	<b>PBIO</b>	<b>5170</b>	<b>Biological Research and Science Ethics</b>	SEM	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									
A&S	PBIO	<b>PBIO</b>	<b>5170</b>	<b>Biological Research and Science Ethics</b>	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The course will present an overview of the professional standards of science and responsible conduct of scientists that are essential for the pursuit of knowledge. The course includes sections on collection and treatment of data, authorship and giving credit, sharing of data, advising and mentoring and societal values.									
A&S	PBIO	<b>PBIO</b>	<b>5180</b>	<b>Writing in the Life Sciences</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Current research topics provide students opportunities to practice and master skills needed for successful written communication in the science/research profession.									
A&S	PBIO	<b>PBIO</b>	<b>5180</b>	<b>Writing in the Life Sciences</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Current research topics provide students opportunities to practice and master skills needed for successful written communication in the science/research profession.									
A&S	PBIO	<b>PBIO</b>	<b>5190</b>	<b>Ohio Flora</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		identification of vascular plants (pteridophytes, gymnosperms and angiosperms) of Ohio, mainly southeastern Ohio, in vegetative and reproductive condition; largely conducted in the field, includes a weekend field trip									
A&S	PBIO	<b>PBIO</b>	<b>5200</b>	<b>Phycology: the study of algae</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	<b>PBIO</b>	<b>5200</b>	<b>Phycology: the study of algae</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	<b>PBIO</b>	<b>5200</b>	<b>Phycology: the study of algae</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Taxonomy, ecology and importance of marine and freshwater algae, with emphasis on characteristics that define major clades, identification of common representative genera and the role of algae in aquatic and terrestrial ecosystems.									
A&S	PBIO	<b>PBIO</b>	<b>5220</b>	<b>Tropical Plant Ecology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Graduate Standing						
		COURSE DESC:		Tropical rainforest studies around the world, including basic plant ecology, biogeography, growth forms and life histories, plant/animal interactions, human impacts, conservation and management.									
A&S	PBIO	<b>PBIO</b>	<b>5240</b>	<b>Plant Physiology</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	<b>PBIO</b>	<b>5240</b>	<b>Plant Physiology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	<b>PBIO</b>	<b>5240</b>	<b>Plant Physiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Basic chemical and physical aspects of plant processes; photosynthesis, respiration, mineral nutrition, transport, nitrogen metabolism, water relations, and growth.									
A&S	PBIO	<b>PBIO</b>	<b>5260</b>	<b>Physiological Plant Ecology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A survey of the complexity of plant physiological and structural adaptations that relate to their ecological performance. A hands-on approach to exploring the physiological and anatomical adaptations of plants to their environments. Weekly (outdoor) labs will survey abiotic factors and plant physiological responses using state-of-the-art technology.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	<b>PBIO</b>	<b>5260</b>	<b>Physiological Plant Ecology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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.									
A&S	PBIO	<b>PBIO</b>	<b>5270</b>	<b>Molecular Genetics</b>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									
A&S	PBIO	<b>PBIO</b>	<b>5270</b>	<b>Molecular Genetics</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Genetic fine structure and function at the molecular level; biochemical aspects of heredity in micro-organisms, plants, and animals; recombinant DNA and genetic engineering.									
A&S	PBIO	<b>PBIO</b>	<b>5280</b>	<b>Laboratory in Genomics Techniques</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	<b>PBIO</b>	<b>5280</b>	<b>Laboratory in Genomics Techniques</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Genomics Techniques is a laboratory course to give hands-on experience in genomics techniques like DNA manipulation, DNA sequencing, fragment analysis, RNA analysis, quantitative PCR, laser microdissection principles and microarray principles.									
A&S	PBIO	<b>PBIO</b>	<b>5300</b>	<b>Plant Genetics</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>5300</b>	<b>Plant Genetics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>5310</b>	<b>Cell Biology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Biochemical, cytochemical, and ultrastructural aspects of the nucleus and cytoplasmic organelles, and cellular communication.									
A&S	PBIO	<b>PBIO</b>	<b>5310</b>	<b>Cell Biology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	<b>PBIO</b>	<b>5330</b>	<b>Restoration Ecology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Understand the philosophies, challenges, principles, and methods of ecological restoration. Course will discuss several scales of restoration (organism to landscape), but emphasis will be placed on a holistic approach to terrestrial ecosystem restoration.									
A&S	PBIO	<b>PBIO</b>	<b>5350</b>	<b>Plant Population Biology and Community Ecology</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	<b>PBIO</b>	<b>5350</b>	<b>Plant Population Biology and Community Ecology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Evaluates basic processes in plant demography leading to the organization and dynamics of plant communities. Emphasis on quantitative methods and modeling. Labs utilize numerical models, greenhouse experiments, and field exercises.									
A&S	PBIO	<b>PBIO</b>	<b>5380</b>	<b>Soil Properties and Ecosystem Processes</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									

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A&S	PBIO	<b>PBIO</b>	<b>5380</b>	<b>Soil Properties and Ecosystem Processes</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Understand the ecological significance of abiotic properties and biotic processes that mediate the composition, function, and heterogeneity of ecosystems. Topics include: basic soil physical, chemical, and biological properties; mechanisms that drive productivity and decomposition; biogeochemical cycles; comparison of aquatic and terrestrial ecosystems; trophic dynamics. Synthesis will involve how human activities alter ecosystem dynamics. Laboratories will emphasize analyzing soil and vegetation for metrics of ecosystem productivity and composition. Data from the lab will be used to investigate the influence of soil and plants on ecosystem-level processes.									
A&S	PBIO	<b>PBIO</b>	<b>5400</b>	<b>Development and Evolution of Land Plants</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	<b>PBIO</b>	<b>5400</b>	<b>Development and Evolution of Land Plants</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	<b>PBIO</b>	<b>5400</b>	<b>Development and Evolution of Land Plants</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrated view of land plant (embryophyte) lineages, including evolution of morphology, anatomy, development, and gene families, using model systems to explore mutants and gene expression patterns.									
A&S	PBIO	<b>PBIO</b>	<b>5420</b>	<b>Experimental Anatomy of Plant Development</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	<b>PBIO</b>	<b>5420</b>	<b>Experimental Anatomy of Plant Development</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	<b>PBIO</b>	<b>5420</b>	<b>Experimental Anatomy of Plant Development</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.									
A&S	PBIO	<b>PBIO</b>	<b>5500</b>	<b>Biotechnology and Genetic Engineering</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	<b>PBIO</b>	<b>5500</b>	<b>Biotechnology and Genetic Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to basic molecular biological concepts and techniques in biotechnology and genetic engineering, including discussion of current experimentation and progress in these fields.									
A&S	PBIO	<b>PBIO</b>	<b>5750</b>	<b>Plant Population Genetics and Speciation</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Principles of evolution, population level variation, genetic processes of inheritance, and current topics in evolutionary biology.									
A&S	PBIO	<b>PBIO</b>	<b>5750</b>	<b>Plant Population Genetics and Speciation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LAB	LB	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									
A&S	PBIO	<b>PBIO</b>	<b>5850</b>	<b>Global Studies in Plant Biology Graduate Field Course</b>	LEC	EL	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									

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A&S	PBIO	<b>PBIO</b>	<b>5850</b>	<b>Global Studies in Plant Biology Graduate Field Course</b>	LEC	LE	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Integrative short-term field course for grad students, integrating principles across organismal plant biology and related discipline, in a selected (often international) region. Course typically runs 1-4 weeks during winter intersession, spring break or summer.									
A&S	PBIO	<b>PBIO</b>	<b>5900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>5900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>6500</b>	<b>Instrumentation and Techniques</b>	LAB	LB	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		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>	LEC	LE	3 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Learning how to used specialized instrumentation and techniques for biological research.									
A&S	PBIO	<b>PBIO</b>	<b>6510</b>	<b>Plant Biochemistry</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6510</b>	<b>Plant Biochemistry</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	TUT	TU	1	99		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>6900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PBIO	<b>PBIO</b>	<b>6940</b>	<b>Graduate Research</b>	RSC	RS	1 to 15	250		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Original research in field of major interest under supervision of major advisor. Results and conclusions resulting from research may be presented in M.S. thesis or Ph.D. dissertation as partial fulfillment for respective degree.									
A&S	PBIO	<b>PBIO</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 15	250		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Formal presentation of results of research as partial fulfillment of requirements for M.S. Hours not counted toward degree.									
A&S	PBIO	<b>PBIO</b>	<b>6970</b>	<b>Seminar</b>	SEM	EL	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Graduate students present seminars on topics of current botanical interest.									
A&S	PBIO	<b>PBIO</b>	<b>6970</b>	<b>Seminar</b>	SEM	SE	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		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>	SEM	EL	1 to 3	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Advanced discussion courses offered when there is sufficient student interest in a significant current topic. Previous topics have included histochemical methods, current problems in biochemistry, plant anatomy, pteridology, and soil microbiology.									

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A&S	PBIO	<b>PBIO</b>	<b>6971</b>	<b>Topics in Plant Systematics and Evolution</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Advanced discussion courses offered when there is sufficient student interest in a significant current topic. Previous topics have included histochemical methods, current problems in biochemistry, plant anatomy, pteridology, and soil microbiology.	SEM	SE	1 to 3	30		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>6972</b>	<b>Topics in Plant Molecular and Cell Biology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Advanced discussion course offered when there is sufficient student interest in a current topic.	LEC	EL	1 to 3	30		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>6972</b>	<b>Topics in Plant Molecular and Cell Biology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Advanced discussion course offered when there is sufficient student interest in a current topic.	LEC	LE	1 to 3	30		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>6973</b>	<b>Topics in Plant Ecology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Advanced discussion courses offered when there is sufficient student interest in a significant current topic.	SEM	EL	1 to 3	30		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>6973</b>	<b>Topics in Plant Ecology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Advanced discussion courses offered when there is sufficient student interest in a significant current topic.	SEM	SE	1 to 3	30		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b> ELIGIBLE GRADES: A-F, 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.	LAB	EL	3	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	3	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	PBIO	<b>PBIO</b>	<b>8950</b>	<b>Dissertation</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Formal presentation of results of research as partial fulfillment of requirement for Ph. D.	THE	TH	1 to 15	250		N	G50		0
A&S	PBIO	<b>T3</b>	<b>4091</b>	<b>An Island as an Environment</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	4	0	3	N	U30		0
A&S	PBIO	<b>T3</b>	<b>4091</b>	<b>An Island as an Environment</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0	3	N	U30		0

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A&S	PBIO	<b>T3</b>	<b>4091</b>	<b>An Island as an Environment</b>	LEC	LE	4	0	3	N	U30		0
				ELIGIBLE GRADES: A-F 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>4950</b>	<b>Biology and Geography of Regional Food Plants</b>	DIS	DI	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	<b>T3</b>	<b>4950</b>	<b>Biology and Geography of Regional Food Plants</b>	DIS	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	<b>T3</b>	<b>4950</b>	<b>Biology and Geography of Regional Food Plants</b>	LAB	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	<b>T3</b>	<b>4950</b>	<b>Biology and Geography of Regional Food Plants</b>	LAB	LB	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									
A&S	PBIO	<b>T3</b>	<b>4950</b>	<b>Biology and Geography of Regional Food Plants</b>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).									

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

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

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	<b>PHIL</b>	<b>1010</b>	<b>Fundamentals of Philosophy</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of selected basic problems, concepts, and methods in philosophy.	LEC	LE	3	0	2HL	N	U10	CORRESPOND	0
A&S	PHIL	<b>PHIL</b>	<b>1200</b>	<b>Principles of Reasoning</b> ELIGIBLE GRADES: A-F 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.	DIS	DI	3	0	1M	N	U10	CCE, CORRESPOND	0
A&S	PHIL	<b>PHIL</b>	<b>1200</b>	<b>Principles of Reasoning</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	1M	N	U10	CCE, CORRESPOND	0
A&S	PHIL	<b>PHIL</b>	<b>1300</b>	<b>Introduction to Ethics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U10	CORRESPOND	0
A&S	PHIL	<b>PHIL</b>	<b>2160</b>	<b>Philosophy of Science Survey</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2310</b>	<b>Philosophy of Sport</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2310</b>	<b>Philosophy of Sport</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2320</b>	<b>Philosophy of Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.	LEC	EL	3	0	2HL	N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2320</b>	<b>Philosophy of Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.	LEC	LE	3	0	2HL	N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2350</b>	<b>Business Ethics</b> ELIGIBLE GRADES: A-F COURSE DESC: Examination of moral reasoning as it pertains to institutions and practices of contemporary business. First half is devoted to basic ethical concepts and analysis of basis for acceptable ethical theory, investigation of role of government and society in their relationship to business, and value assumptions behind competing social and political systems business personnel encounter in today's global marketplace. Second half examines specific case studies.	LEC	LE	3	0		N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2400</b>	<b>Social and Political Philosophy</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2HL	N	U30		0
A&S	PHIL	<b>PHIL</b>	<b>2500</b>	<b>Philosophy of Mind</b> ELIGIBLE GRADES: A-F COURSE DESC: Mind-body problem; concept of self; human-machine relation; problems of other minds.	LEC	EL	3	0		N	U30		0



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	<b>PHIL</b>	<b>2500</b>	<b>Philosophy of Mind</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Problems in nature of religion, existence and the nature of God; problem of evil, immortality, and religious language.									
A&S	PHIL	<b>PHIL</b>	<b>2900</b>	<b>Special Topics in Philosophy</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>2900</b>	<b>Special Topics in Philosophy</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>2970T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		1st-yr tutorial studies in Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>2980T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	3	0	1J	N			0
		ELIGIBLE GRADES:		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>3010J</b>	<b>Writing With Critical Reasoning Skills</b>	LEC	LE	3	0	1J	N			0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Significant ideas of representative Greek and Roman philosophers.									
A&S	PHIL	<b>PHIL</b>	<b>3100</b>	<b>History of Western Philosophy: Ancient</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Augustine to Bruno and Campanella.									
A&S	PHIL	<b>PHIL</b>	<b>3110</b>	<b>History of Western Philosophy: Medieval and Renaissance</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		17th and 18th century European philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>3120</b>	<b>History of Western Philosophy: Modern</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Subjects selected from French, German, and British philosophers of 19th century.									
A&S	PHIL	<b>PHIL</b>	<b>3140</b>	<b>19th Century European Philosophy</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.									

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A&S	PHIL	<b>PHIL</b>	<b>3200</b>	<b>Symbolic Logic I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.									
A&S	PHIL	<b>PHIL</b>	<b>3300</b>	<b>Ethics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Philosophical investigation of complex moral problems engendered by modern medicine, e.g., death with dignity, human experimentation, allocation of scarce medical resources, birth defects, killing or letting die, informed consent, etc. Basic philosophical concepts underlying these problems explored, including autonomy, coercion, normality, naturalness, rights, justice, responsibility, personhood, etc.									
A&S	PHIL	<b>PHIL</b>	<b>3320</b>	<b>Philosophy of Sex and Love</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>3320</b>	<b>Philosophy of Sex and Love</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>3330</b>	<b>Philosophy of Literature</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Philosophical studies of humankind as culture-creating beings.									
A&S	PHIL	<b>PHIL</b>	<b>3500</b>	<b>Philosophy of Culture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>3510</b>	<b>Philosophy of Language</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>3580</b>	<b>Existentialism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Existential thought from Kierkegaard to Camus stressing such themes as freedom, existence, despair, authenticity, alienation, death, and revolt against system.									

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A&S	PHIL	<b>PHIL</b>	<b>3970T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 2nd-yr tutorial studies in philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>3980T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 2nd-yr tutorial studies in Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4120</b>	<b>Philosophy of Biology</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1710 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>4120</b>	<b>Philosophy of Biology</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1710 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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 2710 or 3320 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>4130</b>	<b>Philosophy and Freudian Analysis</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 2710 or 3320 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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 Courses in PHIL Selected topics in contemporary Anglo-American philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4140</b>	<b>Analytic Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 Courses in PHIL Selected topics in contemporary Anglo-American philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4160</b>	<b>Philosophy of Science</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3 Courses in PHIL Selected problems in logic and methodology of sciences.									
A&S	PHIL	<b>PHIL</b>	<b>4160</b>	<b>Philosophy of Science</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 3 Courses in PHIL Selected problems in logic and methodology of sciences.									
A&S	PHIL	<b>PHIL</b>	<b>4170</b>	<b>Philosophy of Logic</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3000 or PHIL 3200 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>4170</b>	<b>Philosophy of Logic</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3000 or PHIL 3200 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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including 3100 [Seminar contents vary.]									
A&S	PHIL	<b>PHIL</b>	<b>4180</b>	<b>Plato</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 Courses in PHIL including 3100 [Seminar contents vary.]									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	<b>PHIL</b>	<b>4190</b>	<b>Aristotle</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	<b>PHIL</b>	<b>4190</b>	<b>Aristotle</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3100						
		COURSE DESC:		[Seminar contents vary.]									
A&S	PHIL	<b>PHIL</b>	<b>4200</b>	<b>Symbolic Logic II</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		PHIL 3200						
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	<b>PHIL</b>	<b>4200</b>	<b>Symbolic Logic II</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		PHIL 3200						
		COURSE DESC:		Techniques of modern symbolic logic. Focuses on the completeness of first-order logic, Godel's incompleteness theorems, axiomatic set theory, and Cantor's and Dedekind's theories of the infinite.									
A&S	PHIL	<b>PHIL</b>	<b>4250</b>	<b>Philosophical Problems in Quantum Physics</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									
A&S	PHIL	<b>PHIL</b>	<b>4250</b>	<b>Philosophical Problems in Quantum Physics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		Interpretation and paradoxes of quantum theory. Topics include the problem of measurement, the Bohr-Einstein debates, Schrodinger's cat paradox, the Einstein-Podolsky-Rosen paradox, and Bell's Theorem and its implications.									
A&S	PHIL	<b>PHIL</b>	<b>4260</b>	<b>Philosophy of Space and Time</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	<b>PHIL</b>	<b>4260</b>	<b>Philosophy of Space and Time</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		In addition to classical topics, issues in the philosophy of space and time that have been greatly influenced by the emergence of Einstein's theory of relativity will be discussed. Topics to be covered include the nature of geometry and its relation to the world, absolute vs. relational theories of space, time, and space-time, and Zeno's paradoxes of motion and extension. Contemporary and classical thinkers will be examined.									
A&S	PHIL	<b>PHIL</b>	<b>4270</b>	<b>Philosophy of Mathematics</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	<b>PHIL</b>	<b>4270</b>	<b>Philosophy of Mathematics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		2 Courses in (CHEM or CS or MATH or PHIL or PHYS)						
		COURSE DESC:		An in-depth examination of a major work in the philosophy of mathematics or of a particular concept that plays a central role in mathematical philosophy, such as the concept of number, the concept of mathematical proof, and the concept of the mathematical infinite.									
A&S	PHIL	<b>PHIL</b>	<b>4280</b>	<b>Continental Rationalism</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Descartes, Spinoza, Leibniz.									
A&S	PHIL	<b>PHIL</b>	<b>4280</b>	<b>Continental Rationalism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Descartes, Spinoza, Leibniz.									
A&S	PHIL	<b>PHIL</b>	<b>4290</b>	<b>British Empiricism</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Locke, Berkeley, Hume.									
A&S	PHIL	<b>PHIL</b>	<b>4290</b>	<b>British Empiricism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Locke, Berkeley, Hume.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	<b>PHIL</b>	<b>4300</b>	<b>Ethical Theory</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including (1300 or 3300)						
		COURSE DESC:		Significant current literature in selected topics of moral, social, political, and legal philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4300</b>	<b>Ethical Theory</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including (1300 or 3300)						
		COURSE DESC:		Significant current literature in selected topics of moral, social, political, and legal philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4310</b>	<b>History of Aesthetic Theory</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									
A&S	PHIL	<b>PHIL</b>	<b>4310</b>	<b>History of Aesthetic Theory</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.									
A&S	PHIL	<b>PHIL</b>	<b>4320</b>	<b>Problems in Aesthetics</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		9 Hours in (PHIL or LIT or ARTS)						
		COURSE DESC:		A variety of philosophical issues surrounding the arts and aesthetics drawn from contemporary sources will be discussed. Topics include the nature of art, expression, interpretation, evaluation, and art and knowledge.									
A&S	PHIL	<b>PHIL</b>	<b>4320</b>	<b>Problems in Aesthetics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		9 Hours in (PHIL or LIT or ARTS)						
		COURSE DESC:		A variety of philosophical issues surrounding the arts and aesthetics drawn from contemporary sources will be discussed. Topics include the nature of art, expression, interpretation, evaluation, and art and knowledge.									
A&S	PHIL	<b>PHIL</b>	<b>4340</b>	<b>Metaethics</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		3 Courses in PHIL and (1300 or 2400 or 4300)						
		COURSE DESC:		The study of metaethics is the study of the nature of ethical or normative judgments. What are we doing when we make ethical judgments? Is it right to think that ethical judgments are capable of being true or false? If so, in virtue of what? We can also wonder about the moral motivation. Does a judgment that something is morally wrong automatically entail that one has a motive not to do it? This course will be a survey of readings on these two questions.									
A&S	PHIL	<b>PHIL</b>	<b>4340</b>	<b>Metaethics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		3 Courses in PHIL and (1300 or 2400 or 4300)						
		COURSE DESC:		The study of metaethics is the study of the nature of ethical or normative judgments. What are we doing when we make ethical judgments? Is it right to think that ethical judgments are capable of being true or false? If so, in virtue of what? We can also wonder about the moral motivation. Does a judgment that something is morally wrong automatically entail that one has a motive not to do it? This course will be a survey of readings on these two questions.									
A&S	PHIL	<b>PHIL</b>	<b>4380</b>	<b>Kant</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	<b>PHIL</b>	<b>4380</b>	<b>Kant</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL including 3120						
		COURSE DESC:		Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	<b>PHIL</b>	<b>4400</b>	<b>Contemporary Social Philosophy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL or (2 Courses in PHIL and 9 hours Tier II Social Sciences)						
		COURSE DESC:		Consideration of any number of various issues in contemporary, social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights, etc.									
A&S	PHIL	<b>PHIL</b>	<b>4420</b>	<b>Philosophy of Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		3 Courses in PHIL						
		COURSE DESC:		Consideration of nature and justification of law and examination of some specialized topics in philosophy of law, including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									
A&S	PHIL	<b>PHIL</b>	<b>4440</b>	<b>Philosophy of Marxism</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as Praxis group of Yugoslavia.									
A&S	PHIL	<b>PHIL</b>	<b>4440</b>	<b>Philosophy of Marxism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		4 Courses in PHIL						
		COURSE DESC:		Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as Praxis group of Yugoslavia.									

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A&S	PHIL	<b>PHIL</b>	<b>4460</b>	<b>Justice and Liberty</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4460</b>	<b>Justice and Liberty</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 4 Courses in PHIL Peirce, James, Dewey, and other American thinkers.									
A&S	PHIL	<b>PHIL</b>	<b>4480</b>	<b>Pragmatism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4500</b>	<b>Theory of Knowledge</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4510</b>	<b>Metaphysics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4580</b>	<b>Contemporary European Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4590</b>	<b>Contemporary French Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4680</b>	<b>Phenomenology</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CLWR 3350 and 4 courses in PHIL Major Chinese philosophers and schools of thought from earliest times to present.									

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A&S	PHIL	<b>PHIL</b>	<b>4750</b>	<b>Chinese Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CLWR 3350 and 4 courses in PHIL							
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present.									
A&S	PHIL	<b>PHIL</b>	<b>4760</b>	<b>Indian Philosophy</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CLWR 3340 and 4 courses in PHIL							
		COURSE DESC:		Classical Hinduism.									
A&S	PHIL	<b>PHIL</b>	<b>4760</b>	<b>Indian Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CLWR 3340 and 4 courses in PHIL							
		COURSE DESC:		Classical Hinduism.									
A&S	PHIL	<b>PHIL</b>	<b>4770</b>	<b>Buddhist Philosophy</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CLWR 3350 and 4 courses in PHIL							
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	<b>PHIL</b>	<b>4770</b>	<b>Buddhist Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CLWR 3350 and 4 courses in PHIL							
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	<b>PHIL</b>	<b>4780</b>	<b>African Philosophy</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Critical examination of the question, debated today among African philosophers, whether traditional Africans thought systems should be regarded and developed as philosophical systems. Includes survey of most significant of these thought systems.									
A&S	PHIL	<b>PHIL</b>	<b>4780</b>	<b>African Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Critical examination of the question, debated today among African philosophers, whether traditional Africans thought systems should be regarded and developed as philosophical systems. Includes survey of most significant of these thought systems.									
A&S	PHIL	<b>PHIL</b>	<b>4900</b>	<b>Special Topics in Philosophy</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>4900</b>	<b>Special Topics in Philosophy</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>4901</b>	<b>Senior Seminar</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	PHIL 3100 and 3120 and 3200 and Sr only							
		COURSE DESC:		Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.									
A&S	PHIL	<b>PHIL</b>	<b>4901</b>	<b>Senior Seminar</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	PHIL 3100 and 3120 and 3200 and Sr only							
		COURSE DESC:		Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.									
A&S	PHIL	<b>PHIL</b>	<b>4911</b>	<b>Seminar in Philosophy</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	5 courses in PHIL							
		COURSE DESC:		Selected problems.									
A&S	PHIL	<b>PHIL</b>	<b>4911</b>	<b>Seminar in Philosophy</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	5 courses in PHIL							
		COURSE DESC:		Selected problems.									
A&S	PHIL	<b>PHIL</b>	<b>4921</b>	<b>Applied Ethics</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	2 Courses in (PHIL 1300 or 2350 or 3300 or 3310 or 4300)							
		COURSE DESC:		An examination of the relationship of applied ethics to ethics as a branch of philosophy, a survey of major areas within applied ethics (medical, business, journalistic, etc.), and a consideration of selected problems in each area.									
A&S	PHIL	<b>PHIL</b>	<b>4921</b>	<b>Applied Ethics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	2 Courses in (PHIL 1300 or 2350 or 3300 or 3310 or 4300)							
		COURSE DESC:		An examination of the relationship of applied ethics to ethics as a branch of philosophy, a survey of major areas within applied ethics (medical, business, journalistic, etc.), and a consideration of selected problems in each area.									
A&S	PHIL	<b>PHIL</b>	<b>4970</b>	<b>Independent Reading</b>	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Seminar contents vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHIL	<b>PHIL</b>	<b>4970T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		3rd-yr tutorial studies in Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4980T</b>	<b>Philosophy Tutorial</b>	TUT	TU	1 to 9	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		3rd-yr tutorial studies in Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>4990</b>	<b>Senior Thesis</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		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>4990</b>	<b>Senior Thesis</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Philosophical application of techniques of modern symbolic logic.									
A&S	PHIL	<b>PHIL</b>	<b>5020</b>	<b>Techniques of Formal Analysis</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Philosophical application of techniques of modern symbolic logic.									
A&S	PHIL	<b>PHIL</b>	<b>5120</b>	<b>Philosophy of Biology</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		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>5120</b>	<b>Philosophy of Biology</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	PSY 2710							
		COURSE DESC:		The philosophical and scientific presuppositions of Freudian psychology, including Freud's methodology, are identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis are emphasized. Recent attacks on the legitimacy of psychoanalysis are examined. Alternative schemes for understanding human behavior also discussed.									
A&S	PHIL	<b>PHIL</b>	<b>5130</b>	<b>Philosophy and Freudian Analysis</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	PSY 2710							
		COURSE DESC:		The philosophical and scientific presuppositions of Freudian psychology, including Freud's methodology, are identified and subjected to rigorous philosophical analysis. Freud's early thought on hysteria, dreams, sexuality, and psychoanalysis are emphasized. Recent attacks on the legitimacy of psychoanalysis are examined. Alternative schemes for understanding human behavior also discussed.									
A&S	PHIL	<b>PHIL</b>	<b>5140</b>	<b>Analytic Philosophy</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Selected topics in contemporary Anglo-American Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5140</b>	<b>Analytic Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Selected topics in contemporary Anglo-American Philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5150</b>	<b>Contemporary Philosophical Problems</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Selected topics in contemporary philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5150</b>	<b>Contemporary Philosophical Problems</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Selected topics in contemporary philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5160</b>	<b>Philosophy of Science</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Analysis of selected problems in logic and methodology of sciences.									
A&S	PHIL	<b>PHIL</b>	<b>5160</b>	<b>Philosophy of Science</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Analysis of selected problems in logic and methodology of sciences.									



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A&S	PHIL	<b>PHIL</b>	<b>5170</b>	<b>Philosophy of Logic</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHIL 5020						
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorem.									
A&S	PHIL	<b>PHIL</b>	<b>5170</b>	<b>Philosophy of Logic</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHIL 5020						
		COURSE DESC:		Provides a survey of issues in the philosophy of logic. Topics include formal theories of truth, logical and semantical paradoxes, modal logic, conditionals, interpretations of quantifiers, and philosophical implications of Godel's incompleteness theorem.									
A&S	PHIL	<b>PHIL</b>	<b>5180</b>	<b>Plato</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	PHIL	<b>PHIL</b>	<b>5180</b>	<b>Plato</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	PHIL	<b>PHIL</b>	<b>5190</b>	<b>Aristotle</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	PHIL	<b>PHIL</b>	<b>5190</b>	<b>Aristotle</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
A&S	PHIL	<b>PHIL</b>	<b>5200</b>	<b>Symbolic Logic II</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>5200</b>	<b>Symbolic Logic II</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Advanced proof theory.									
A&S	PHIL	<b>PHIL</b>	<b>5210</b>	<b>Proof Theory</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Advanced proof theory.									
A&S	PHIL	<b>PHIL</b>	<b>5220</b>	<b>Computability Theory</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Computability theory.									
A&S	PHIL	<b>PHIL</b>	<b>5220</b>	<b>Computability Theory</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Computability theory.									
A&S	PHIL	<b>PHIL</b>	<b>5230</b>	<b>Modal and M V Logics</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Modal and M V logic.									
A&S	PHIL	<b>PHIL</b>	<b>5230</b>	<b>Modal and M V Logics</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Modal and M V logic.									
A&S	PHIL	<b>PHIL</b>	<b>5240</b>	<b>Foundation Theory</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Foundation theory									
A&S	PHIL	<b>PHIL</b>	<b>5240</b>	<b>Foundation Theory</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PHIL 3200						
		COURSE DESC:		Foundation theory									

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A&S	PHIL	<b>PHIL</b>	<b>5250</b>	<b>Philosophical Problems in Quantum Physics</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5250</b>	<b>Philosophical Problems in Quantum Physics</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5260</b>	<b>Philosophy of Space and Time</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5260</b>	<b>Philosophy of Space and Time</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5270</b>	<b>Philosophy of Mathematics</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5270</b>	<b>Philosophy of Mathematics</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5280</b>	<b>Continental Rationalism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Seminar contents vary.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5280</b>	<b>Continental Rationalism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Seminar contents vary.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5290</b>	<b>British Empiricism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Seminar contents vary.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5290</b>	<b>British Empiricism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Seminar contents vary.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5300</b>	<b>Ethical Theory</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Current literature in selected topics in moral and social philosophy.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5300</b>	<b>Ethical Theory</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Current literature in selected topics in moral and social philosophy.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5310</b>	<b>History of Aesthetic Theory</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5310</b>	<b>History of Aesthetic Theory</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5320</b>	<b>Problems in Aesthetics</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Writing drawn from modern sources on theory of art, aesthetic criticism, interpretation, creativity, truth in art, and aesthetic value.	SEM	EL	3	0		N	G40		0

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A&S	PHIL	<b>PHIL</b>	<b>5320</b>	<b>Problems in Aesthetics</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Topics in the philosophy of music.									
A&S	PHIL	<b>PHIL</b>	<b>5330</b>	<b>Meaning in Music</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Topics in the philosophy of music.									
A&S	PHIL	<b>PHIL</b>	<b>5340</b>	<b>Metaethics</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>5340</b>	<b>Metaethics</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Kant's Critique of Pure Reason with attention given to his ethical theory.									
A&S	PHIL	<b>PHIL</b>	<b>5380</b>	<b>Kant</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to the philosophy of Hegel, Nietzsche, and other 19th century European philosophers.									
A&S	PHIL	<b>PHIL</b>	<b>5390</b>	<b>Nineteenth Century European Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Consideration of any number of various issues in contemporary social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights.									
A&S	PHIL	<b>PHIL</b>	<b>5400</b>	<b>Contemporary Social and Political Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Consideration of any number of various issues in contemporary social, political, and legal philosophy. Possible topics: theories of distributive justice, culpability, causality and responsibility, legal and moral rights.									
A&S	PHIL	<b>PHIL</b>	<b>5420</b>	<b>Philosophy of Law</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Consideration of nature and justification of law and examination of some specialized topics in philosophy of law including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									
A&S	PHIL	<b>PHIL</b>	<b>5420</b>	<b>Philosophy of Law</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Consideration of nature and justification of law and examination of some specialized topics in philosophy of law including ascription of responsibility, civil disobedience, theories of punishment, liberty, etc.									
A&S	PHIL	<b>PHIL</b>	<b>5430</b>	<b>Liability and Responsibility in the Law</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of some of major problematic areas in ascription of legal liability and responsibility. Chief areas of concern: (1) grounds on which courts determine who or what is causally responsible for what occurred; (2) extent to which finding of legal responsibility should take account of intentions, knowledge, recklessness, etc., of accused; and (3) whether only sane individuals should be held legally responsible.									
A&S	PHIL	<b>PHIL</b>	<b>5430</b>	<b>Liability and Responsibility in the Law</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of some of major problematic areas in ascription of legal liability and responsibility. Chief areas of concern: (1) grounds on which courts determine who or what is causally responsible for what occurred; (2) extent to which finding of legal responsibility should take account of intentions, knowledge, recklessness, etc., of accused; and (3) whether only sane individuals should be held legally responsible.									

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COURSE LISTING  
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A&S	PHIL	<b>PHIL</b>	<b>5440</b>	<b>Philosophy of Marxism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as the "Praxis group" of Yugoslavia.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5440</b>	<b>Philosophy of Marxism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Philosophical inquiry into classical and contemporary Marxist thought stressing Marx, Engels, Lenin, Stalin, Mao, and several contemporary Marxists such as the "Praxis group" of Yugoslavia.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5460</b>	<b>Justice and Liberty</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5460</b>	<b>Justice and Liberty</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5480</b>	<b>Pragmatism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Peirce, James, Dewey, and other American thinkers.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5480</b>	<b>Pragmatism</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Peirce, James, Dewey, and other American thinkers.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5500</b>	<b>Theory of Knowledge</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Critical examination of various views of what knowledge is and how it is attained.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5500</b>	<b>Theory of Knowledge</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Critical examination of various views of what knowledge is and how it is attained.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5510</b>	<b>Metaphysics</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Basic alternative conceptions of world and such topics as substance, causality, self, freedom, space, and time.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5510</b>	<b>Metaphysics</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Basic alternative conceptions of world and such topics as substance, causality, self, freedom, space, and time.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5540</b>	<b>Semiotics in Communication</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5540</b>	<b>Semiotics in Communication</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5580</b>	<b>Contemporary European Philosophy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5580</b>	<b>Contemporary European Philosophy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Phenomenology and existentialism as seen in Husserl, Heidegger, Scheler, Hartman, Dilthey, Cassirer, Gebser, Ingarden, Sartre, Camus, Marcel, Merleau-Ponty, and Ricoeur.	SEM	SE	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5590</b>	<b>Contemporary French Philosophy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Introduction to the philosophy of Camus, Derrida, Foucault, and others.	SEM	EL	3	0		N	G40		0
A&S	PHIL	<b>PHIL</b>	<b>5590</b>	<b>Contemporary French Philosophy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Introduction to the philosophy of Camus, Derrida, Foucault, and others.	SEM	SE	3	0		N	G40		0

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A&S	PHIL	<b>PHIL</b>	<b>5680</b>	<b>Phenomenology</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Method and philosophy of phenomenological movement from Husserl to Merleau-Ponty.									
A&S	PHIL	<b>PHIL</b>	<b>5680</b>	<b>Phenomenology</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Major Chinese philosophers and schools of thought from earliest times to present day.									
A&S	PHIL	<b>PHIL</b>	<b>5750</b>	<b>Chinese Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to selected topics in Indian philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5760</b>	<b>Indian Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to selected topics in Indian philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>5770</b>	<b>Buddhist Philosophy</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Abhidharmika, Madhyamika, Yogacara, Zen, and other philosophical doctrines of Buddhism.									
A&S	PHIL	<b>PHIL</b>	<b>5770</b>	<b>Buddhist Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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.									
A&S	PHIL	<b>PHIL</b>	<b>5780</b>	<b>African Philosophy</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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.									
A&S	PHIL	<b>PHIL</b>	<b>5900</b>	<b>Special Topics in Philosophy</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>5900</b>	<b>Special Topics in Philosophy</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>5901</b>	<b>Seminar in Philosophy</b>	SEM	EL	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected problems.									
A&S	PHIL	<b>PHIL</b>	<b>5901</b>	<b>Seminar in Philosophy</b>	SEM	SE	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Selected problems.									
A&S	PHIL	<b>PHIL</b>	<b>5920</b>	<b>Applied Ethics</b>	PRA	PR	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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A&S	PHIL	<b>PHIL</b>	<b>6850</b>	<b>Forum in Contemporary Philosophy</b>	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				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>	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				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>6890</b>	<b>Topics in Applied Ethics</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				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>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>6900</b>	<b>Special Topics in Philosophy</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
A&S	PHIL	<b>PHIL</b>	<b>6901</b>	<b>Supervised Teaching</b>	SEM	EL	1	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Supervised experience, including observation, discussion, and counsel.									
A&S	PHIL	<b>PHIL</b>	<b>6901</b>	<b>Supervised Teaching</b>	SEM	SE	1	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Supervised experience, including observation, discussion, and counsel.									
A&S	PHIL	<b>PHIL</b>	<b>6902</b>	<b>Special Studies</b>	SEM	EL	1 to 12	12		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				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>6902</b>	<b>Special Studies</b>	SEM	SE	1 to 12	12		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				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>	SEM	EL	1 to 2	999		N	G40		0
				ELIGIBLE GRADES: CR, F REQUISITE:									
				COURSE DESC: Seminar intended for all graduate students.									
A&S	PHIL	<b>PHIL</b>	<b>6903</b>	<b>Graduate Seminar in Philosophy</b>	SEM	SE	1 to 2	999		N	G40		0
				ELIGIBLE GRADES: CR, F REQUISITE:									
				COURSE DESC: Seminar intended for all graduate students.									
A&S	PHIL	<b>PHIL</b>	<b>6911</b>	<b>Seminar in Philosophy</b>	SEM	EL	1 to 12	999		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				COURSE DESC: Selected problems in philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>6911</b>	<b>Seminar in Philosophy</b>	SEM	SE	1 to 12	999		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				COURSE DESC: Selected problems in philosophy.									
A&S	PHIL	<b>PHIL</b>	<b>6940</b>	<b>Advanced Readings</b>	RSC	RS	3	0		N	G40		0
				ELIGIBLE GRADES: CR, PR, F REQUISITE:									
				COURSE DESC: Supervised readings in specific areas beyond coursework.									
A&S	PHIL	<b>PHIL</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 12	12		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Master's Thesis.									

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

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A&S	PHYS	<b>ASTR</b>	<b>4900</b>	<b>Special Topics in Astronomy</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PHYS	<b>ASTR</b>	<b>4900</b>	<b>Special Topics in Astronomy</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PHYS	<b>ASTR</b>	<b>4930</b>	<b>Studies in Astronomy</b>	IND	EL	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and ASTR 3251 Special studies in Astronomy under the supervision of a faculty member.									
A&S	PHYS	<b>ASTR</b>	<b>4930</b>	<b>Studies in Astronomy</b>	IND	IS	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and ASTR 3251 Special studies in Astronomy under the supervision of a faculty member.									
A&S	PHYS	<b>ASTR</b>	<b>5201</b>	<b>Stellar Astrophysics and Radiation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	IND	IS	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PHYS	<b>ASTR</b>	<b>5900</b>	<b>Special Topics in Astronomy</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PHYS	<b>PHYS</b>	<b>D020</b>	<b>Preparation for College Physics</b>	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PHYS 2001 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>D020</b>	<b>Preparation for College Physics</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PHYS 2001 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.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>1021</b>	<b>Peer-Led Team Learning for PHYS 2001</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: P BIO 2010 or concurrent 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>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: PHYS 2002 Concurrent 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>	SEM	SE	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	4	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (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 2001 after 2051.									
A&S	PHYS	<b>PHYS</b>	<b>2001</b>	<b>Introduction to Physics</b>	LEC	LE	4	0	2NS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (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 2001 after 2051.									
A&S	PHYS	<b>PHYS</b>	<b>2002</b>	<b>Introduction to Physics</b>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (PHYS 2001 or 2051 or 2051H) and WARNING: not PHYS 2052 or 2301 Continuation of 2001. Second course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.									
A&S	PHYS	<b>PHYS</b>	<b>2002</b>	<b>Introduction to Physics</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (PHYS 2001 or 2051 or 2051H) and WARNING: not PHYS 2052 or 2301 Continuation of 2001. Second course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, and premedicine. Includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	LAB	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	LAB	LB	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	LEC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	LEC	LE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	REC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									
A&S	PHYS	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	REC	RE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 263A or 266A or 266B or (2301 or concurrent) Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>2051H</b>	<b>General Physics for Physics and Astronomy Majors</b>	LEC	EL	5	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 266A or 266B or (2301 or concurrent) 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>2051H</b>	<b>General Physics for Physics and Astronomy Majors</b>	LEC	LE	5	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 266A or 266B or (2301 or concurrent) 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>	LAB	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	LAB	LB	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	LEC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	LEC	LE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	REC	EL	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	REC	RE	5	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and PHYS 2051 Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.									
A&S	PHYS	<b>PHYS</b>	<b>2052H</b>	<b>General Physics for Physics and Astronomy Majors</b>	LEC	EL	5	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and (PHYS 2051 or 2051H) First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: traveling waves, standing waves, interference of waves, optics including reflection and refraction, electric forces, electric field, electric potential, electric current, electronic circuits, magnetic field, induction, and electromagnetic waves.									
A&S	PHYS	<b>PHYS</b>	<b>2052H</b>	<b>General Physics for Physics and Astronomy Majors</b>	LEC	LE	5	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2301 and (PHYS 2051 or 2051H) First course in general physics for physics and astronomy majors, with emphasis on interactive learning methods. Lecture and laboratory components are combined into a single course, so students are not required to sign up for a separate lab class. Topics to be covered are: traveling waves, standing waves, interference of waves, optics including reflection and refraction, electric forces, electric field, electric potential, electric current, electronic circuits, magnetic field, induction, and electromagnetic waves.									
A&S	PHYS	<b>PHYS</b>	<b>2053</b>	<b>Contemporary Physics: Relativity and Quantum Phenomena</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2052 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, Schroedinger's wave equation with applications, atomic structure, nuclear structure, elementary particles and a short introduction to cosmology.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>2053</b>	<b>Contemporary Physics: Relativity and Quantum Phenomena</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PHYS 2052							
		COURSE DESC:		Introduction to relativity and quantum theory: selected topics in atomic, solid state, nuclear, particles, and cosmology. Einstein's theory of special relativity, the uncertainty principle, Schrodinger's wave equation with applications, atomic structure, nuclear structure, elementary particles and a short introduction to cosmology.									
A&S	PHYS	<b>PHYS</b>	<b>2301</b>	<b>General Physics with Biological Applications</b>	LAB	LB	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PHYS 2051 or (2001 and MATH 2301)							
		COURSE DESC:		Classical physics with calculus, emphasizing biological and medical applications. Topics include fluids, waves, sound, electricity, magnetism, optics and topics in modern physics.									
A&S	PHYS	<b>PHYS</b>	<b>2301</b>	<b>General Physics with Biological Applications</b>	LEC	LE	4	0	2NS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PHYS 2051 or (2001 and MATH 2301)							
		COURSE DESC:		Classical physics with calculus, emphasizing biological and medical applications. Topics include fluids, waves, sound, electricity, magnetism, optics and topics in modern physics.									
A&S	PHYS	<b>PHYS</b>	<b>2701</b>	<b>Electronics Laboratory</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(PHYS 2002 or 2052 or 2052H) and physics major							
		COURSE DESC:		Introduction to basic electronic circuits from analog to digital. Integrates the electronic circuit design and analysis with hands-on circuit construction. Covers DC circuit elements, transistors, FETs, op amp circuits, timers, and introduction to digital electronics.									
A&S	PHYS	<b>PHYS</b>	<b>2900</b>	<b>Special Topics in Physics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	<b>PHYS</b>	<b>2900</b>	<b>Special Topics in Physics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	<b>PHYS</b>	<b>2930</b>	<b>Special Studies</b>	IND	EL	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Special studies in physics under supervision of faculty member.									
A&S	PHYS	<b>PHYS</b>	<b>2930</b>	<b>Special Studies</b>	IND	IS	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Special studies in physics under supervision of faculty member.									
A&S	PHYS	<b>PHYS</b>	<b>2970T</b>	<b>Physics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		First year tutorial studies in physics.									
A&S	PHYS	<b>PHYS</b>	<b>2980T</b>	<b>Physics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		First-year tutorial studies in physics.									
A&S	PHYS	<b>PHYS</b>	<b>3001</b>	<b>Mechanics</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3401</b>	<b>Introduction to Mathematical Physics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	PHYS	<b>PHYS</b>	<b>3701</b>	<b>Intermediate Laboratory - Electrons &amp; Photons</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2053									
				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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2053									
				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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC									
				Second-year tutorial studies in physics.									
A&S	PHYS	<b>PHYS</b>	<b>3980T</b>	<b>Physics Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC									
				Second-year tutorial studies in physics.									
A&S	PHYS	<b>PHYS</b>	<b>4021</b>	<b>Introduction to Quantum Mechanics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2053									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3400 and PHYS 2052									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 4031									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and PHYS 3001									
				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>4051</b>	<b>Modern Physics</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 3001 and 4021 and 4031 and Sr only									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and PHYS 2052									
				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>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
				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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and previous experience in programming computer languages desired									
				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.									

**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>4071</b>	<b>Computer Simulation Methods in Physics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and previous experience in programming computer languages desired 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and previous experience in programming computer languages desired 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 and CHEM 1510 and PHYS 2052 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2052 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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2002 or 2053 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 3702 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>	LAB	LB	1 to 3	99		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 3702 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and PHYS 3001 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3400 and (PHYS 3011 or concurrent) 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>4811</b>	<b>Dynamic Meteorology 1</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3300 and 3400 and (PHYS 3011 or concurrent) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 4811 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>4812</b>	<b>Dynamic Meteorology 2</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 4811 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>4900</b>	<b>Special Topics in Physics</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>4900</b>	<b>Special Topics in Physics</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	<b>PHYS</b>	<b>4930</b>	<b>Special Problems</b>	IND	EL	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>4930</b>	<b>Special Problems</b>	IND	IS	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	RSC	RS	1 to 6	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	1	2		N	U30		75
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		HTC Thesis research									
A&S	PHYS	<b>PHYS</b>	<b>5001</b>	<b>Mechanics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>Quantum Mechanics 1</b>	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		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>Quantum Mechanics 1</b>	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>5032</b>	<b>Electricity and Magnetism 2</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	DIS	DI	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 4	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>5101</b>	<b>Topics in Science for Elementary and Secondary Schools</b>	SEM	SE	1 to 4	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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A&S	PHYS	<b>PHYS</b>	<b>5411</b>	<b>Electronic Device Physics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5511</b>	<b>Introduction to Radiation Physics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	1	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5701</b>	<b>Electronics Measurement Laboratory</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5801</b>	<b>Acoustics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5811</b>	<b>Dynamic Meteorology 1</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.	LEC	EL	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5811</b>	<b>Dynamic Meteorology 1</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic conservation laws, elementary fluid dynamics, circulation and vorticity. Mathematics related to coordinate systems related to meteorology, thermodynamics of the atmosphere.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5812</b>	<b>Dynamic Meteorology 2</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5812</b>	<b>Dynamic Meteorology 2</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5900</b>	<b>Special Topics in Physics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>5900</b>	<b>Special Topics in Physics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6001</b>	<b>Classical Mechanics</b> ELIGIBLE GRADES: A-F 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.	DIS	DI	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6001</b>	<b>Classical Mechanics</b> ELIGIBLE GRADES: A-F 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.	DIS	EL	5	0		N	G50		0



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A&S	PHYS	<b>PHYS</b>	<b>6001</b>	<b>Classical Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6002</b>	<b>Advanced Topics in Analytical Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6011</b>	<b>Statistical Mechanics 1</b> ELIGIBLE GRADES: A-F 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.	DIS	DI	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6011</b>	<b>Statistical Mechanics 1</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6021</b>	<b>Quantum Mechanics 2</b> ELIGIBLE GRADES: A-F COURSE DESC: Quantum mechanics beyond 5021. Topics to be covered: symmetry in quantum mechanics (space and time displacements; rotations and angular momentum, addition of angular momentum, tensor operators); scattering theory in 3D (cross sections, partial waves, optical theorem, Born approximation, resonances, Coulomb scattering); approximation methods for stationary states (non-degenerate and degenerate perturbation theory, Brillouin-Wigner expansion, variational methods); time-dependent approximation methods, golden rule; Second quantization (field theory, second quantization for fermions and bosons, electromagnetic field); introduction to relativistic quantum mechanics for electrons.	DIS	DI	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6021</b>	<b>Quantum Mechanics 2</b> ELIGIBLE GRADES: A-F COURSE DESC: Quantum mechanics beyond 5021. Topics to be covered: symmetry in quantum mechanics (space and time displacements; rotations and angular momentum, addition of angular momentum, tensor operators); scattering theory in 3D (cross sections, partial waves, optical theorem, Born approximation, resonances, Coulomb scattering); approximation methods for stationary states (non-degenerate and degenerate perturbation theory, Brillouin-Wigner expansion, variational methods); time-dependent approximation methods, golden rule; Second quantization (field theory, second quantization for fermions and bosons, electromagnetic field); introduction to relativistic quantum mechanics for electrons.	LEC	LE	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6031</b>	<b>Electrodynamics 1</b> ELIGIBLE GRADES: A-F COURSE DESC: Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.	DIS	DI	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6031</b>	<b>Electrodynamics 1</b> ELIGIBLE GRADES: A-F COURSE DESC: Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.	LEC	LE	5	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6032</b>	<b>Electrodynamics 2</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of PHYS 6031 with additional applications of Maxwell's equations and special relativity. Topics covered include: electromagnetic waves in confined spatial regions; dynamics of relativistic particle and electromagnetic fields; multipole fields; collisions, energy loss, and scattering of charged particles, Cherenkov and transition radiation; bremsstrahlung, virtual quanta, radiative beta processes; and radiation damping.	LEC	LE	4	0		N	G50		0

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A&S	PHYS	<b>PHYS</b>	<b>6041</b>	<b>Mathematical Methods in Physics 2</b> ELIGIBLE GRADES: A-F COURSE DESC: Mathematical techniques used in various subfields of Physics and Astronomy. Topics covered may include complex variables beyond 5041, Sturm-Liouville theory and orthogonal-function expansions, Green functions, properties of various special functions and their appearance in physical situations, non-linear differential equations, integral equations, Group theory, and a basic introduction to Probability and Statistics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6201</b>	<b>General Relativity and Cosmology</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to general relativity. Topics covered include Einstein's field equations, gravitational waves, singular solutions (aka black holes), and cosmology. Emphasis will be placed on cosmological distance measurements, the expansion of the universe, formation of structure, and other observational tests of general relativity.	LEC	LE	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6601</b>	<b>Advanced Mathematical and Computational Physics</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced computational and mathematical methods employed in theoretical physics. Examples include: approximate solutions of the Hausdorff moment problem, maximum-entropy and Bayesian methods, numerical linear algebra for large systems, solution of integral equations, iterative solutions for systems of nonlinear differential and integro-differential equations. Applications to current problems in theoretical physics.	LEC	LE	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6701</b>	<b>Experimental Techniques</b> ELIGIBLE GRADES: A-F COURSE DESC: Directed laboratory work with a particular faculty member. Subtopics may include: types of detectors and instrumentation common within the subfield; analysis tools and statistical analysis; good laboratory practices, such as note-taking and documentation of analysis steps; presentation of results and conclusions both in written and verbal forms.	LAB	LB	1 to 4	8		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6741</b>	<b>Graduate Laboratory: Condensed Matter &amp; Biophysics</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected experimental techniques used to measure structural and electronic properties of solid materials and materials surfaces as well as physical properties of biological systems. Experimental techniques available include X-ray Diffraction, Scanning Electron Microscopy and Laser Tweezers.	LAB	LB	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6751</b>	<b>Graduate Laboratory: Nuclear and Particle</b> ELIGIBLE GRADES: A-F COURSE DESC: Laboratory techniques and practices in nuclear and particle physics. Topics will include: introduction to observable quantities in nuclear physics experiments, introduction to detectors and instrumentation in nuclear and particle physics, operation of experimental instrumentation, data analysis and error analysis. Typical experiments may include: high precision gamma ray spectroscopy, charged particle spectroscopy, accelerator-based nuclear physics measurements, detection of gamma rays or charged particles in scintillation detectors.	LAB	LB	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6900</b>	<b>Special Topics in Physics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6900</b>	<b>Special Topics in Physics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6940</b>	<b>Special Study</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Supervised individual study at beginning or intermediate graduate level. Can be used for writing M.S. or M.A. paper.	RSC	RS	1 to 15	99		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>6950</b>	<b>Thesis</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Thesis writing in the chosen area of study.	THE	TH	1 to 15	99		N	G40		0
A&S	PHYS	<b>PHYS</b>	<b>7011</b>	<b>Statistical Mechanics 2</b> ELIGIBLE GRADES: A-F COURSE DESC: Statistical physics beyond 6011, with an emphasis on modern topics. Subjects covered will include phase transitions and critical phenomena, mean field and Landau-Ginzburg theory, renormalization-group methods, fluctuation-dissipation relations, stochastic processes, etc. Additional topics may include finite-temperature field theory for Abelian and non-Abelian gauge fields, equilibrium and non-equilibrium properties of plasmas. Applications will include examples in condensed matter systems, bio-physical systems, weakly and strongly interacting plasmas.	LEC	LE	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7021</b>	<b>Relativistic Quantum Theory and Introduction to Quantum Field Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: A first course in relativistic quantum mechanics and quantum field theory. Topics covered include: Poincare invariant quantum mechanics, Klein-Gordon and Dirac equations, relativistic hydrogen atom, classical fields, quantization of the Klein-Gordon and Dirac fields, interacting fields and Feynman diagrams, cross sections, the S-Matrix, and elementary processes of quantum electrodynamics.	LEC	LE	3	0		N	G50		0

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A&S	PHYS	<b>PHYS</b>	<b>7022</b>	<b>Quantum Many-Body Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
A&S	PHYS	<b>PHYS</b>	<b>7023</b>	<b>Quantum Field Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
A&S	PHYS	<b>PHYS</b>	<b>7301</b>	<b>Theoretical and Computational Methods in Biological Physics</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 5301 Introduces into statistical and stochastic methods underlying activated processes and chemical rate theory, chemical reactions with few molecules and intracellular transport. Organized in modules which may be taught by different instructors if needed. 1. Introduction into stochastic processes and activated processes, 2. Chemical reactions and rate equations 3. Stochastic Modeling of chemical reactions, 4. Intracellular transport I: Diffusion, 5. Intracellular transport II: Active and directed movement									
A&S	PHYS	<b>PHYS</b>	<b>7301</b>	<b>Theoretical and Computational Methods in Biological Physics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 5301 Introduces into statistical and stochastic methods underlying activated processes and chemical rate theory, chemical reactions with few molecules and intracellular transport. Organized in modules which may be taught by different instructors if needed. 1. Introduction into stochastic processes and activated processes, 2. Chemical reactions and rate equations 3. Stochastic Modeling of chemical reactions, 4. Intracellular transport I: Diffusion, 5. Intracellular transport II: Active and directed movement									
A&S	PHYS	<b>PHYS</b>	<b>7401</b>	<b>Condensed Matter Physics 1</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Atomic and electronic structures of condensed matter and their relations to physical properties. Topic covered will include crystal lattices, symmetry, experimental determination of crystal structures, surfaces and interfaces, complex structures, the single-electron model, electron levels in a periodic potential, nearly free and tightly bound electrons, electron-electron interactions, calculation of band structures, cohesion of solids, elasticity, phonons, dislocations and cracks.									
A&S	PHYS	<b>PHYS</b>	<b>7402</b>	<b>Condensed Matter Physics 2</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Continuation of 7401 with focus on electron transport, optical properties, and magnetism. Topics covered will include: dynamics of Bloch electrons, transport phenomena, microscopic theories of conduction and optical properties of semiconductors, insulators, and metals; classical and quantum theories of magnetism and magnetic ordering. Introduction to superconductivity. Phenomenology and theoretical description of glasses and other amorphous materials.									
A&S	PHYS	<b>PHYS</b>	<b>7403</b>	<b>Contemporary Topics in Condensed Matter Physics</b>	LEC	EL	3	9		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Background and introduction to current research areas of modern condensed matter physics. Topics include both experimental and theoretical aspects of these areas. Course taught by several instructors, according to their area of expertise.									
A&S	PHYS	<b>PHYS</b>	<b>7403</b>	<b>Contemporary Topics in Condensed Matter Physics</b>	LEC	LE	3	9		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Background and introduction to current research areas of modern condensed matter physics. Topics include both experimental and theoretical aspects of these areas. Course taught by several instructors, according to their area of expertise.									
A&S	PHYS	<b>PHYS</b>	<b>7411</b>	<b>The Physics of Nanostructures</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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A&S	PHYS	<b>PHYS</b>	<b>7421</b>	<b>Physics of Amorphous Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An advanced course surveying aspects of disordered materials, including theory, simulation and experimental aspects. Topics will include the characterization of disorder and comparisons to experiments probing structure, such as diffraction and nuclear magnetic resonance. Classical liquids and the phenomenology of glasses and the glass transition is discussed. Methods for creating computer models are covered in detail, along with case studies of particular systems. Theory of electronic structure, including electronic localization, vibrations of amorphous materials, atomic and charge carrier transport are discussed and the course closes with a survey of applications.									
A&S	PHYS	<b>PHYS</b>	<b>7461</b>	<b>Methods in Condensed Matter Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Selected theoretical and/or computational methods applied to classical and quantum condensed matter systems. Methods discussed may include density-functional theory, ab-initio molecular dynamics, Monte Carlo techniques, perturbative renormalization group methods, non-equilibrium Green's functions, bosonization, etc. Applications will be to classical and quantum liquids, strongly correlated materials, glasses, surface phenomena, etc.									
A&S	PHYS	<b>PHYS</b>	<b>7501</b>	<b>Particles and Nuclei 1</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Experimental and basic theoretical aspects of nuclear physics. Topics covered will include: overview of basic nuclear models of light and heavy nuclei, nuclear mean-field theory, inclusion of residual interactions, collective modes of motions, deformations of nuclei. Also covers nuclear physics at extremes of stability and/or nuclear astrophysics.									
A&S	PHYS	<b>PHYS</b>	<b>7502</b>	<b>Particles and Nuclei 2</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Experimental and basic theoretical aspects of Particle Physics. Topics covered will include: Relativistic kinematics, Symmetry properties, Bound states (meson and baryons), Feynman calculus, Quantum Electrodynamics, Electrodynamics and Chromodynamics of quarks, weak interactions and electroweak unification and gauge theories. Hadronic physics, neutrino physics and/or relativistic heavy-ion physics will also be covered.									
A&S	PHYS	<b>PHYS</b>	<b>7502</b>	<b>Particles and Nuclei 2</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Experimental and basic theoretical aspects of Particle Physics. Topics covered will include: Relativistic kinematics, Symmetry properties, Bound states (meson and baryons), Feynman calculus, Quantum Electrodynamics, Electrodynamics and Chromodynamics of quarks, weak interactions and electroweak unification and gauge theories. Hadronic physics, neutrino physics and/or relativistic heavy-ion physics will also be covered.									
A&S	PHYS	<b>PHYS</b>	<b>7511</b>	<b>Applied Nuclear Physics</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Acquaints the student with the most important aspects of nuclear technologies: nuclear power, isotope production, nuclear medicine, industrial applications, and nuclear security issues. The required tools to achieve a good understanding of these subjects are: understanding of passage of particles through matter, accelerator technology, beamline optics, and nuclear data (cross sections, masses, structure data). The class would be required for the 'Applied Nuclear Physics' M.Sc. degree, and it would be recommended for any student taking a M.Sc. or Ph.D. degree in nuclear or particle physics.									
A&S	PHYS	<b>PHYS</b>	<b>7511</b>	<b>Applied Nuclear Physics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Acquaints the student with the most important aspects of nuclear technologies: nuclear power, isotope production, nuclear medicine, industrial applications, and nuclear security issues. The required tools to achieve a good understanding of these subjects are: understanding of passage of particles through matter, accelerator technology, beamline optics, and nuclear data (cross sections, masses, structure data). The class would be required for the 'Applied Nuclear Physics' M.Sc. degree, and it would be recommended for any student taking a M.Sc. or Ph.D. degree in nuclear or particle physics.									
A&S	PHYS	<b>PHYS</b>	<b>7561</b>	<b>Contemporary Nuclear Theory: The Study of Strongly-interacting Matter</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Theoretical topics in contemporary nuclear physics. Emphasis will be on giving students calculations to complete which promote understanding of issues at the forefront of contemporary research. Areas to be discussed may include: lattice QCD, models of hadron structure, the nucleon-nucleon interaction, ab initio calculations of light nuclei, the electromagnetic structure of hadrons and light nuclei, factorization in QCD, parton distribution functions, modification of pdfs in the nuclear environment, predictions for heavy-ion collisions, properties of strongly interacting matter at high densities and temperatures.									
A&S	PHYS	<b>PHYS</b>	<b>7562</b>	<b>Particle Theory</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discussion of current topics at the frontiers of particle theory, with an emphasis on performing calculations which promote understanding. Topics covered may include: non-Abelian gauge theory, the Standard Model, Field Theories on a Lattice, Supersymmetry, and Introductory String Theory.									
A&S	PHYS	<b>PHYS</b>	<b>7601</b>	<b>Nonlinear Science</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the students in the basic concepts and theoretical foundations of nonlinear science. Examples will be drawn from various disciplines, including physics, chemistry and biology. Includes an introduction into bifurcation theory, chaos theory, synchronization phenomena, dynamic instabilities, self-organization, and pattern formation in spatially distributed systems. Combines lectures, demonstrations and computational exercises using conventional software and will be team-taught.									
A&S	PHYS	<b>PHYS</b>	<b>8001</b>	<b>Colloquium</b>	LEC	EL	1	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Presentations of original research and topics of current interest by experts in their fields. All graduate students are required to attend the presentations.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PHYS	<b>PHYS</b>	<b>8001</b>	<b>Colloquium</b>	LEC	LE	1	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	1	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	PRA	PR	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	1 to 2	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Intensive study of selected subjects in biophysics. 35 - 50 min presentations by students and/or faculty on basic concepts and novel developments followed by intensive discussion. Subjects of seminars are chosen by students advised by faculty and usually are devoted to recent publications in high-ranked journals such as Nature, Science, PNAS, Biophysical Journal, Physical Review Letters.									
A&S	PHYS	<b>PHYS</b>	<b>8401</b>	<b>Research Seminar in Condensed Matter Physics</b>	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Intensive study of selected topics in condensed matter physics via research seminars by renowned scholars on forefront areas of research.									
A&S	PHYS	<b>PHYS</b>	<b>8501</b>	<b>Research Seminar in Nuclear and Particle Physics and Journal Club</b>	SEM	EL	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>8501</b>	<b>Research Seminar in Nuclear and Particle Physics and Journal Club</b>	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lectures on special topics, often related to current research conducted in the department.									
A&S	PHYS	<b>PHYS</b>	<b>8950</b>	<b>Doctoral Research and Dissertation</b>	THE	TH	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Supervised individual research activities in the area of doctoral work.									

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A&S	PHYS	<b>PHYS</b>	<b>8960</b>	<b>Special Study</b>	IND	EL	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Supervised individual study in preparation for research at doctoral level.									
A&S	PHYS	<b>PHYS</b>	<b>8960</b>	<b>Special Study</b>	IND	IS	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Supervised individual study in preparation for research at doctoral level.									
A&S	PHYS	<b>PSC</b>	<b>1000</b>	<b>Survey of Astronomy</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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. Must enroll in ASTR 1000.									
A&S	PHYS	<b>PSC</b>	<b>1001</b>	<b>Moons and Planets: The Solar System</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Familiarity with basic algebra and geometry is recommended 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>Physical World</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: not PSC 1011 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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LAB	LB	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
A&S	PHYS	<b>PSC</b>	<b>1051</b>	<b>Color, Light, and Sound</b>	LEC	LE	4	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
A&S	PHYS	<b>PSC</b>	<b>1110</b>	<b>The Metric System</b>	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1110</b>	<b>The Metric System</b>	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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A&S	PHYS	<b>PSC</b>	<b>1310</b>	<b>Nano-Science and Technology</b>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>1350</b>	<b>Energy in a Modern World</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	1	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		4 Hours in (CHEM or GEOL or PHYS or PSC) 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	<b>PSC</b>	<b>2900</b>	<b>Special Topics in Physical Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PHYS	<b>T3</b>	<b>4151</b>	<b>Entropy and Human Activity</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sr only 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>POCO</b>	<b>2010</b>	<b>Introduction to Political Communication</b> ELIGIBLE GRADES: A-F COURSE DESC: Overview of the realm of political communication, the interactions among political figures, political interests, the press, and the public. Against the background of the American political process, an investigation of those involved in that process, their relationships, and the role of mass and interpersonal communication in these relationships.	LEC	LE	3	0		N	U10		0
A&S	POLS	<b>POCO</b>	<b>2900</b>	<b>Special Topics in Political Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U10		0
A&S	POLS	<b>POCO</b>	<b>2900</b>	<b>Special Topics in Political Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U10		0
A&S	POLS	<b>POCO</b>	<b>4010</b>	<b>Seminar in Political Communication</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Senior-level research course investigating selected aspects of political communication.	LEC	LE	3	0		I	U30		0
A&S	POLS	<b>POCO</b>	<b>4900</b>	<b>Special Topics in Political Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	POLS	<b>POCO</b>	<b>4900</b>	<b>Special Topics in Political Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	POLS	<b>POLS</b>	<b>1010</b>	<b>Politics in the United States</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the role of citizenship, participation, and government in the context of American domestic politics.	LEC	LE	3	0	2SS	N	U10	CORRESPOND	75
A&S	POLS	<b>POLS</b>	<b>1500</b>	<b>Themes in Global Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Each class has anchoring theme or set of themes related to global politics, such as, but not limited to, norms, justice, power, conflict and cooperation, globalization and development.	LEC	LE	3	0	2SS	N	U10		75
A&S	POLS	<b>POLS</b>	<b>1600</b>	<b>Engaging Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Course begins by giving students an introduction to the ways politics has been historically understood, and continues to discuss the ways it is understood in the discipline of political science. As the course continues, students will spend significant time exploring alternative understandings of politics in terms of current political events, parties, movements, revolutions and struggles in the U.S. and globally.	LEC	EL	3	0	2SS	N	U10		50
A&S	POLS	<b>POLS</b>	<b>1600</b>	<b>Engaging Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Course begins by giving students an introduction to the ways politics has been historically understood, and continues to discuss the ways it is understood in the discipline of political science. As the course continues, students will spend significant time exploring alternative understandings of politics in terms of current political events, parties, movements, revolutions and struggles in the U.S. and globally.	LEC	LE	3	0	2SS	N	U10		50
A&S	POLS	<b>POLS</b>	<b>2000</b>	<b>American Politics, Policy, and Administration</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to American politics, policy, and administration. Investigates how public policies are formulated and implemented. Under conventional view of the politics/administration dichotomy, political factors such as political party and public opinion significantly dominate the entire phase of policy formulation. Governmental bureaucracies are supposed to faithfully implement public policies that political decision makers enact. During recent decades, governmental bureaucracies have been more heavily involved in policy formulation as well as policy implementation. Surveys the historical development from a perspective of democracy and bureaucracy. Asked to think about the ideal relationship among politics, policy, and administration.	LEC	LE	3	0	2SS	N	U30		25
A&S	POLS	<b>POLS</b>	<b>2200</b>	<b>The Politics of Law</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces the study of law as a political process with special emphasis on courts, legal ideologies, violence, and the mobilization of rights claims in social and political conflict.	LEC	LE	3	0	2SS	N	U30		50
A&S	POLS	<b>POLS</b>	<b>2300</b>	<b>Democracies and Dictatorships Around the World</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to dynamics, structures, and comparison of contemporary political systems and processes.	LEC	LE	3	0	2SS	N	U30		25



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A&S	POLS	<b>POLS</b>	<b>2500</b>	<b>International Relations</b>	LEC	LE	3	0	2SS	N	U30		50
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U30		75
		ELIGIBLE GRADES:		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>2900</b>	<b>Special Topics in Political Science</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	<b>POLS</b>	<b>2900</b>	<b>Special Topics in Political Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in political science.									
A&S	POLS	<b>POLS</b>	<b>3040</b>	<b>State Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 hours in POLS or (Jr or Sr)						
		COURSE DESC:		Examination of role of values in urban politics focusing on their relationship to urban problems, structure and functions of municipalities, urban professionalism, and alternative urban arrangements.									
A&S	POLS	<b>POLS</b>	<b>3520</b>	<b>International Peace</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	Instr Mode	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> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>3750</b>	<b>Politics and Film</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>3750</b>	<b>Politics and Film</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>3970T</b>	<b>Political Science Non-Thesis Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	<b>POLS</b>	<b>3980T</b>	<b>Political Science Non-Thesis Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors tutorial on topics in political science.	TUT	TU	1 to 15	15		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4010</b>	<b>American Constitutional Law</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of the politics of American constitutional law through the study of Supreme Court cases and other public documents.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4015</b>	<b>Constitutional Politics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4040</b>	<b>Civil Liberties</b> ELIGIBLE GRADES: A-F COURSE DESC: A problem-based approach to U.S. civil liberties law.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4050</b>	<b>American Political Parties</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the growth, development, and operation of political parties in the United States.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4060</b>	<b>Elections and Campaigns</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the operation of political campaigns in the context of American elections.	LEC	LE	3	0		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4062</b>	<b>American Voting Behavior</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		50

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A&S	POLS	<b>POLS</b>	<b>4065</b>	<b>Public Opinion, Political Participation, and Protest</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS Examines the nature and content of individual and mass political opinion and behavior with an emphasis on explanations of opinion changes, the connection between political opinion and political participation and protest activities, and the consequences of various forms of political behavior for government and democracy.									
A&S	POLS	<b>POLS</b>	<b>4067</b>	<b>Women and Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS or 1010 or 2000 Examines the role of gender in shaping American political life, with an emphasis on the empirical study of gender in politics.									
A&S	POLS	<b>POLS</b>	<b>4070</b>	<b>Strategic Decision-Making</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Jr or Sr) and Warning: No credit for both this course and the following (always deduct credit for first course taken): ECON 3020 Using a wide range of cases -- the Cold War, resource depletion, political campaigns, and legislative politics -- this course will engage students in the construction and analysis of strategic interaction. Students will assess the public value of private and official actions and learn to discover Nash Equilibrium and Subgame-Perfect Equilibrium.									
A&S	POLS	<b>POLS</b>	<b>4070</b>	<b>Strategic Decision-Making</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Jr or Sr) and Warning: No credit for both this course and the following (always deduct credit for first course taken): ECON 3020 Using a wide range of cases -- the Cold War, resource depletion, political campaigns, and legislative politics -- this course will engage students in the construction and analysis of strategic interaction. Students will assess the public value of private and official actions and learn to discover Nash Equilibrium and Subgame-Perfect Equilibrium.									
A&S	POLS	<b>POLS</b>	<b>4100</b>	<b>Public Policy Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS Examines stages of policy process, including policy formulation, implementation, and evaluation. Also discusses development and methods of policy analysis.									
A&S	POLS	<b>POLS</b>	<b>4145</b>	<b>Policy Implementation and Evaluation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS including 2000 Examines what factors affect the performance of public programs and organizations. Surveys the processes of policy formulation and implementation within the context of politics. Analyzes governmental interventions in terms of efficiency, effectiveness, and responsiveness. Investigates how statistical methods can be applied to evaluations of governmental interventions. Demonstrates how to operationalize various components of public programs in order to conduct statistical analysis.									
A&S	POLS	<b>POLS</b>	<b>4150</b>	<b>The American Presidency</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in POLS including (2000 or 2200) Analysis of office of national chief executive and its place in American political system. Attention given to constitutional status and powers, functional development, and interrelationship of person and office.									
A&S	POLS	<b>POLS</b>	<b>4151</b>	<b>Politics of Taxation</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (POLS 1010 or 1600) and Soph or above 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>4151</b>	<b>Politics of Taxation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (POLS 1010 or 1600) and Soph or above 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>4155</b>	<b>The White House: Management and Administration</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (POLS 1010 or 1600) and Soph or above 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?									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	<b>POLS</b>	<b>4160</b>	<b>Legislative Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>Gay and Lesbian Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Analysis of gay and lesbian 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		An exploration of the regulation of sexuality in the U.S. from legal and theoretical perspectives. Cases and other materials will address a variety of issues including the right to privacy, pornography, the right to marry, and gays in the military.									
A&S	POLS	<b>POLS</b>	<b>4230</b>	<b>Political Leadership</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 Natural Resources Politics and Policy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 Hours in POLS including 2300						
		COURSE DESC:		Political systems of Latin America. Emphasis on power relationships and political obstacles to change in contemporary Latin America.									

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A&S	POLS	<b>POLS</b>	<b>4360</b>	<b>Government and Politics of Brazil</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 Hours in POLS including 2300						
		COURSE DESC:		Major political processes, personalities, and institutions of contemporary West Germany, including key foreign policy issues									
A&S	POLS	<b>POLS</b>	<b>4390</b>	<b>Government and Politics in France</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4415</b>	<b>Religion and Global Politics</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 2300 or 2500						
		COURSE DESC:		Examination of the major issues and dilemmas in contemporary Middle Eastern politics, including: the Arab-Israeli conflict, the role of religion and nationalism, the status of women, and efforts at development and democratization.									
A&S	POLS	<b>POLS</b>	<b>4440</b>	<b>East Asia in World Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	POLS	<b>POLS</b>	<b>4465</b>	<b>Gandhi and King: Nonviolence as Philosophy and Strategy</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 1500 or POLS 2300 or POLS 2500 or permission required						
		COURSE DESC:		Examines the nature of nationalism and its sources. Considers the nature of state boundaries and the political contention that can lead to violence based on national identity. Explores the means to resolve or prevent such conflicts.									
A&S	POLS	<b>POLS</b>	<b>4495</b>	<b>The Challenges of Democratization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	U30		75
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 6	12		N	U30		75
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	POLS 4505H						
		COURSE DESC:		Research, writing, and preparing an honors thesis.									
A&S	POLS	<b>POLS</b>	<b>4506H</b>	<b>Honors Thesis in Political Science</b>	SEM	SE	1 to 6	12		N	U30		75
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	POLS 4505H						
		COURSE DESC:		Research, writing, and preparing an honors thesis.									
A&S	POLS	<b>POLS</b>	<b>4550</b>	<b>International Law</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	POLS	<b>POLS</b>	<b>4565</b>	<b>International Human Rights</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Introduces the phenomenon of terrorism, in both its domestic and international forms. Through comparative case studies, aims to understand the motivations, goals, tactics, and strategies of terrorism. Considers the relationship between terrorists and the various political and cultural groups with which they interact from states and international authorities to transnational criminal networks and religious communities. Addresses the historical responses of state, regional, and international actors to terrorism and assesses competing views on how the United States and other nations could and should respond to this threat.									
A&S	POLS	<b>POLS</b>	<b>4600</b>	<b>International Political Economy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in POLS						
		COURSE DESC:		Examines the politics of the world economy. Topics covered include the politics of international trade, the politics of the international monetary system, and international cooperation.									
A&S	POLS	<b>POLS</b>	<b>4630</b>	<b>African International Relations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 2500 or 3540						
		COURSE DESC:		Overview of political, economic, and social issues that shape the external relations of African nations, and of non-state and international participants in these relations.									
A&S	POLS	<b>POLS</b>	<b>4650</b>	<b>Global Media Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 hours in POLS or (Jr or Sr)						
		COURSE DESC:		This course studies mediated communication in global politics, including both the impact of mass media on the foreign policies of states and the more recent use of social media by state and non-state actors. Readings and discussions address the role of mediated communication in public opinion, political mobilization, citizenship, identity, global justice, and democratic deliberation. The course uses historical and contemporary case studies germane to the study of international politics, including major wars, revolutionary movements, breaches of state secrecy and cybersecurity, Internet freedom, and efforts to promote global political dialogue. Students consider both tendencies of mediated communication to sow enmity and conflict and opposing trends toward universal connectivity and transnational citizenship.									
A&S	POLS	<b>POLS</b>	<b>4700</b>	<b>Democratic Theories and Practices</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in POLS						
		COURSE DESC:		Placing contemporary democracies in both historical and comparative context, examines the relationship between legitimacy, authority, participation and voice. Central focus is the 'edges' or boundaries of democracies: is there a private realm at the edge of democracy? How is it established? What is democracy's jurisdiction? There are margins within and outside of a democratic community, where lines between insiders and outsiders are drawn and redrawn. How do location and membership shape our practices of democratic responsibility? What is the relationship between injustice and democracy?									
A&S	POLS	<b>POLS</b>	<b>4705</b>	<b>The Politics of Rights</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in POLS						
		COURSE DESC:		There are few legal, normative, and political issues more important than the efforts and struggles surrounding rights. It could be argued that the emergence of democratic political systems rested much of their legitimacy upon the claim that they guaranteed certain fundamental rights for citizens. Course examines the multifaceted character of rights discourse and struggles. The varied origins of rights narratives will be explored, as well as the controversies over the extension and effectiveness of rights to diverse populations. Students think critically about the rights they take for granted as well as the rights yet to be granted, to themselves and/or others.									
A&S	POLS	<b>POLS</b>	<b>4710</b>	<b>Contemporary Radical and Critical Theories</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 2700						
		COURSE DESC:		Examines contemporary political and social theories that have been critical of historically hegemonic ideas and regimes. Begins with theories that assume a relationship between knowledge and power, and also between theory and practice. Includes expansive concepts of politics that go beyond government. Theories such as Marxism, psychoanalysis, structuralism and post-structuralism, deconstruction, feminism, anarchism, animal rights, critical race theory and postcolonial theory may be examined.									
A&S	POLS	<b>POLS</b>	<b>4720</b>	<b>Resistance, Reform, and Revolution</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in POLS						
		COURSE DESC:		Explores the intertwined character of power and resistance. In the process, gain both an understanding of forms of power and resistance in everyday life, and to use such an understanding to negotiate the power in our own lives. Also explores how power is not only prohibitive, but productive; and attempts to figure out what that means for our quests to live good lives and to experience freedom.									

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A&S	POLS	<b>POLS</b>	<b>4730</b>	<b>Animal/Human/Machine</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: POLS 2700 or permission required            Political theorists are concerned with concepts of political agency. How does political action occur? Who can be political? What are the terms of political discourse? During the past 10-15 years, a "post-humanist" discourse has emerged. This has come from two main sources. First, a whole of host of studies in psychology and biology have challenged the idea of human exceptionalism (i.e. the idea that humans are a unique animal). In study after study, things once thought to be unique to humans are found in animals (use of tools, communication of relatively complex ideas that some call language acquisition, emotions, laughter, lying, making war, etc.). This is not coming from animal rights, but from science itself. Second, technology and experiments with artificial intelligence, computers, social networking, sex-change surgery, artificial insemination, etc. have challenged us to find new ways to conceptualize thought and the body. These also challenge what it means to be human. Given that an assumption about the stability of the category "human" has been the principle anchor for all theories of politics up till now, these scientific discussions pose important problems for politics, and consequently, for political science.</p>									
A&S	POLS	<b>POLS</b>	<b>4738</b>	<b>The Politics of Race in Global Context</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in POLS            Examines the transnational origins, scope, and diffusion of racial ideas and materiality. Begins with a basic introduction to the concept of race, its origins and evolution in the global realm and its subsequent centrality to discourses of modernity, empire and capitalism. Explores race as a system of global power relations that has changed over time, manifests differently across space, and exists on multiple planes. Close attention is paid to the operation of racial politics along multiple geographic and temporal scales in order to discover how race can independently affect both domestic policy outcomes and international relations among nation-states.</p>									
A&S	POLS	<b>POLS</b>	<b>4739</b>	<b>Politics of Race</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in POLS including 2700            Examines various, intricate relationships between race and politics in the United States. Starts with a basic introduction to the concept of race, its origins and evolution. Attention paid early on to the contradictory projects of democracy and racial hierarchy, specifically, the enterprise of white supremacy. Looks at past and present racial topographies, including, but not limited to, trends in partisanship, political ideology and voter turnout per racial group. Examines how the three branches of government have supported America's war on drugs, and subsequently how this war has differentially impacted the American people on lines of race, gender, and class. Investigates how racial identity is shaped by varying economic, social and political contexts, and further how these identities can be mobilized for collective purposes. We think critically about what is at stake in adhering to or diverging from particular racial identities in the political and social arena, how racial identities are policed by group members, and lastly, what is at stake in defining racial authenticity. Last set of readings treat the ways racial anxieties are manipulated during electoral campaigns as a strategy for specific political gains.</p>									
A&S	POLS	<b>POLS</b>	<b>4740</b>	<b>Sexuality and Queer Theories</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in POLS            Explores intersections of gender and sexuality with other primary forms of identity including but not limited to race, ethnicity, religiosity, class and culture. Queer theorizing explored both as a critical tool and as a resource for a more transformative alternative politics.</p>									
A&S	POLS	<b>POLS</b>	<b>4751</b>	<b>Critical Race Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS            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.</p>									
A&S	POLS	<b>POLS</b>	<b>4752</b>	<b>The Politics of Intersectionality</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS            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.</p>									
A&S	POLS	<b>POLS</b>	<b>4753</b>	<b>American Whiteness</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		<p>REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS            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.</p>									



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A&S	POLS	<b>POLS</b>	<b>4754</b>	<b>Black Political Thought</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		Explores the histories and contemporary politics of the diverse and expanding Latino population. Focuses on people of Mexican, Puerto Rican and Cuban descent, but incorporates other groups where information is available. Covers how patterns of immigration and resources shape the foundation for Latinos' political incorporation and mobilization within the United States. Examines the political needs and goals of various Latino sub-groups by studying public opinion, voting patterns and non-electoral behavior, and will assess the extent to which these groups are able to achieve their visions. Reflects upon the unity and tension within this group. Assesses whether Latinos have a set of political attitudes and behaviors that distinguish them from other racial groups.									
A&S	POLS	<b>POLS</b>	<b>4756</b>	<b>The Politics of Visibility</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		Vision and visibility are key organizing features of political inquiry, responsibility, governability, and contestation. Particularly in a contemporary setting inundated with technologies for seeing and rendering a wide variety of subjects and phenomena visible, power and visibility have become intrinsically interconnected. Studies the various manifestations of vision, visibility, and invisibility. Racialized politics of visibility especially emphasized, along with the multifaceted ways that visible identities more generally render some bodies and subjects more susceptible to political surveillance, social control, and discrimination.									
A&S	POLS	<b>POLS</b>	<b>4757</b>	<b>Race, Violence and Human Security</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		There are few issues in contemporary politics more important than human security. There are also few forms of oppression and discrimination more important than racism. Yet, envisioning and seeing the various ways that racism leads to vast and deep human insecurity have generally been neglected as political problems and inquiries. Addresses racism and racial violence as human security issues, encouraging students to search out creative ways to reduce the varied hostile environments that emerge from racist forces.									
A&S	POLS	<b>POLS</b>	<b>4758</b>	<b>Race and Public Policy in Comparative Perspective</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		Seeks to conceptualize, explore and explain the complex relationships between race and the creation, implementation and evaluation of public policy. First half offers overview of some dominant theories of public policy, including rational actor models, institutionalism, policy framing and agenda-setting, causal stories, and policy networks. Second, applies these theories in order to complete a more in-depth examination of policy areas that have either implicitly or explicitly institutionalized racial difference and/or disadvantage. Focus will be comparative; though substantial examples drawn from the United States and the industrialized world, also draws insights from developing contexts as necessary.									
A&S	POLS	<b>POLS</b>	<b>4759</b>	<b>Interracial Transgressions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		Explores multiple arenas of interracial transgressions. Explores the complexities of interracial transgressions by analyzing the role of politics, law, policy, literature, film, geopolitics and vernacular discourse in the construction of interracial relationships, transracial contact zones and multiracial identities. Drawing from case studies in the United States, Canada, Great Britain, South Africa, Australia and Brazil, examines a wide variety of issues related to the construction of mixed-race as a social identity and mode of racial classification, and the potential for racial transgressions in areas of sex, love, friendship, media, dance, music and geography, paying particular attention to the complex relationships among race, gender, class, and sexuality.									
A&S	POLS	<b>POLS</b>	<b>4760</b>	<b>American Political Thought</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 Hours in POLS						
		COURSE DESC:		Origin and development of political ideas in the U.S. experience.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	<b>POLS</b>	<b>4765</b>	<b>Diaspora, Transnationalism and Post-Colonialism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 Hours in AAS or 6 hours in POLS or 6 hours in WGS						
		COURSE DESC:		This course introduces students to the theories, concepts and applications of the field of post-colonial, transnational and diaspora studies. As post-colonial studies is a wide field, we are engaged here in acquiring a working knowledge of its major ideas, conceptual platforms and methods of inquiry that are the bases of post-colonial studies. We will be examining some of the key themes in post-colonial studies, as well as reading some of the foundational texts on which the field of post-colonial studies is grounded.									
				The varied and multi-disciplinary fields of study that form our theoretical framework are founded on three premises: a) that whilst the era of formal colonialism is over, the social institutions, cultural practices and ideological formations produced by colonialism and other forms of oppression have left their legacy in the contemporary world; b) that mainstream ways of thought, interpretation and action have been informed and continue to be permeated by dominant conceptions from the West; and c) that race is a transnational phenomenon, tied to and imbued with the power of modernity.									
				These foundations provide some identifiable common denominators: a willingness to challenge the hegemonic assumptions of the West; a moral imperative to understand history and society from the point of view of those it has least benefited and who have been marginalized and even oppressed; an understanding that the current world system is the result of a world-historical racial project; and as a result, a theoretical commitment to developing new, more inclusive and more progressive ways of thinking and analyzing social, economical, political and historical forces that critically interrogate Western hegemonic forms of knowledge. Post-colonialism therefore includes studies of the formal colonial period and its aftermath. We are here mostly concerned with late colonialism, and the majority of this course will focus, although not exclusively, on the British colonial empire. This course is highly theoretical and interdisciplinary. Material will be chosen from a wide variety of geographical areas and from post-colonial thinkers from different disciplines.									
A&S	POLS	<b>POLS</b>	<b>4770</b>	<b>Legal Theory and Social Problems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 Hours in POLS						
		COURSE DESC:		Examination of legal reasoning and normative values of judges, lawyers, and legal theorists, in shaping legal solutions to contemporary social problems.									
A&S	POLS	<b>POLS</b>	<b>4780</b>	<b>Feminist Political Theories and Movements</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 2700 and WGS 1000						
		COURSE DESC:		Explores feminist work as both a vital critical perspective and a source of alternative and transformative visions. Examine mechanisms and manifestations of patriarchy as they play out across fields of struggle--cultural, social, economic, as well as traditional political spaces. The relationship between patriarchal forms of oppression and other practices of domination--race, sexuality, class, or ethnicity based critically analyzed. Normative visions generated from feminist perspectives explored as alternatives to patriarchal orderings.									
A&S	POLS	<b>POLS</b>	<b>4805</b>	<b>Political Science Fiction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 Hours in POLS including (POLS 2000 or 2300 or 2500 or 2700)						
		COURSE DESC:		Science fiction holds a mirror to the norms, rules and institutions that exist in the contemporary political world, engaging in fundamental comparisons about the way the world is, how it came to be, and what alternatives may exist for the political future. Examining and analyzing the prominent themes and issues in these fictional worlds sheds light on past, present, and future political phenomena of our real one. The course examines works of science fiction (both literature and film) side-by-side with political analyses of a variety of topics: state- and nation-building, war and peace-building, citizenship, race, gender, bio-ethics, revolution and rebellion, the military industrial complex, capitalism and democracy. For example, fiction works that may be used in the course include Foundations, Game of Thrones, the Hunger Games, World War Z, the Handmaid's Tale, Battlestar Galactica, Star Trek, etc. Science fiction literature and film are points of departure for a more substantive focus on these and other important issues in contemporary politics.									
A&S	POLS	<b>POLS</b>	<b>4830</b>	<b>Introduction to Research Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	<b>POLS</b>	<b>4900</b>	<b>Special Topics in Political Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	3	99		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	POLS	<b>POLS</b>	<b>4902</b>	<b>Special Topics in Law and Politics</b> ELIGIBLE GRADES: A-F 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. .	LEC	LE	3	99		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4903</b>	<b>Special Topics in Political Theory</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	99		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4904</b>	<b>Special Topics in International Relations</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	99		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4905</b>	<b>Special Topics in Comparative Politics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	99		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4910</b>	<b>Public Affairs Internship</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Provides qualified students with the opportunity to learn through working in selected public and private agencies related to public affairs.	FLD	FE	1 to 12	12		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4911</b>	<b>International Internship</b> ELIGIBLE GRADES: CR, F COURSE DESC: Internship outside the UNITED STATES.	FLD	FE	1 to 12	12		N	U30		0
A&S	POLS	<b>POLS</b>	<b>4931</b>	<b>Independent Study in American Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study designed to expand understanding in a selected area of American politics not covered in regular course offerings.	IND	IS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4932</b>	<b>Independent Study in Law and Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study designed to expand understanding in a selected area of law and politics not covered in regular course offerings.	IND	IS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4933</b>	<b>Independent Study in Political Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study designed to expand understanding in a selected area of political theory not covered in regular course offerings.	IND	IS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4934</b>	<b>Independent Study in International Relations</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study designed to expand understanding in a selected area of international relations not covered in regular course offerings.	IND	IS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4935</b>	<b>Independent Study in Comparative Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study designed to expand understanding in a selected area of comparative politics not covered in regular course offerings.	IND	IS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4941</b>	<b>Research in American Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Individual supervised research on a selected aspect of American government and politics based on student's special interest.	RSC	RS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4942</b>	<b>Research in Law and Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Individual supervised research on a selected aspect of law and politics based on student's special interest.	RSC	RS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4943</b>	<b>Research in Political Theory</b> ELIGIBLE GRADES: A-F COURSE DESC: Individual supervised research or directed readings on a selected aspect of political theory based on student's special interest.	RSC	RS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4944</b>	<b>Research in International Relations</b> ELIGIBLE GRADES: A-F COURSE DESC: Individual supervised research on a selected aspect of international relations based on student's special interest.	RSC	RS	1 to 3	6		I	U30		0
A&S	POLS	<b>POLS</b>	<b>4945</b>	<b>Research in Comparative Politics</b> ELIGIBLE GRADES: A-F COURSE DESC: Individual supervised research on a selected aspect of comparative government and politics based on student's special interest.	RSC	RS	1 to 3	6		I	U30		0

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A&S	POLS	<b>POLS</b>	<b>4961</b>	<b>International Internship Seminar</b>	SEM	SE	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:		9 Hours in POLS and (Jr or Sr)						
		COURSE DESC:		Internship outside the United States.									
A&S	POLS	<b>POLS</b>	<b>4970T</b>	<b>Political Science Thesis Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		HTC						
		COURSE DESC:		Honors tutorial thesis in political science									
A&S	POLS	<b>POLS</b>	<b>4980T</b>	<b>Political Science Thesis Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		HTC						
		COURSE DESC:		Honors tutorial thesis in political science.									
A&S	POLS	<b>POLS</b>	<b>5010</b>	<b>American Constitutional Law</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Study of the politics of American constitutional law through the study of Supreme Court cases and other public documents.									
A&S	POLS	<b>POLS</b>	<b>5015</b>	<b>Constitutional Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		A problem-based approach to U.S. civil liberties law.									
A&S	POLS	<b>POLS</b>	<b>5050</b>	<b>American Political Parties</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5061</b>	<b>Politics of Appalachia</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>American Political Behavior</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Examines the nature and content of individual and mass political behavior with an emphasis on explanations of opinion changes, the connection between political opinion and voting behavior, and the consequences of political behavior for American government and democracy.									
A&S	POLS	<b>POLS</b>	<b>5067</b>	<b>Women and Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Examines the role of gender in shaping American political life, with an emphasis on the empirical study of gender in politics.									

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A&S	POLS	<b>POLS</b>	<b>5155</b>	<b>The White House: Management and Administration</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Organization and tactics of pressure groups and their impact on the policy-making process.									
A&S	POLS	<b>POLS</b>	<b>5190</b>	<b>Gay and Lesbian Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analysis of gay and lesbian 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5210</b>	<b>The Politics of Law and Sexuality</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5230</b>	<b>Political Leadership</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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 Natural Resources Politics and Policy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Political systems of Latin America. Emphasis on power relationships and political obstacles to change in contemporary Latin America.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	<b>POLS</b>	<b>5360</b>	<b>Government and Politics of Brazil</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5370</b>	<b>Government and Politics in Britain</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5380</b>	<b>Government and Politics in Germany</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5410</b>	<b>African Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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>5415</b>	<b>Religion and Global Politics</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examination of the major issues and dilemmas in contemporary Middle Eastern politics, including: the Arab-Israeli conflict, the role of religion and nationalism, the status of women, and efforts at development and democratization.									
A&S	POLS	<b>POLS</b>	<b>5440</b>	<b>East Asia in World Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5450</b>	<b>Government and Politics of Japan</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Political institutions and processes and major political developments in China, with emphasis on recent events.									
A&S	POLS	<b>POLS</b>	<b>5470</b>	<b>Government and Politics of Southeast Asia</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Traditional governments in southeast Asia, Western colonialism, rise of nationalism, achievement of independence.									

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A&S	POLS	<b>POLS</b>	<b>5480</b>	<b>Comparative Public Policy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5570</b>	<b>National Security in the Contemporary Era</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5580</b>	<b>Introduction to War and its Causes</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces the concept and causes of war. Discusses the phenomenon of war in the broader context of social behavior, and explores the natural or unnatural elements of international violence.									

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A&S	POLS	<b>POLS</b>	<b>5590</b>	<b>Terrorism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces the phenomenon of terrorism, in both its domestic and international forms. Through comparative case studies, aims to understand the motivations, goals, tactics, and strategies of terrorism. Considers the relationship between terrorists and the various political and cultural groups with which they interact from states and international authorities to transnational criminal networks and religious communities. Addresses the historical responses of state, regional, and international actors to terrorism and assesses competing views on how the United States and other nations could and should respond to this threat.									
A&S	POLS	<b>POLS</b>	<b>5600</b>	<b>International Political Economy</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examines the politics of the world economy. Topics covered include the politics of international trade, the politics of the international monetary system, and international cooperation.									
A&S	POLS	<b>POLS</b>	<b>5630</b>	<b>African International Relations</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Overview of political, economic, and social issues that shape the external relations of African nations, and of non-state and international participants in these relations.									
A&S	POLS	<b>POLS</b>	<b>5700</b>	<b>Democratic Theories and Practices</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Placing contemporary democracies in both historical and comparative context, examines the relationship between legitimacy, authority, participation and voice. Central focus is the 'edges' or boundaries of democracies: is there a private realm at the edge of democracy? How is it established? What is democracy's jurisdiction? There are margins within and outside of a democratic community, where lines between insiders and outsiders are drawn and redrawn. How do location and membership shape our practices of democratic responsibility? What is the relationship between injustice and democracy?									
A&S	POLS	<b>POLS</b>	<b>5705</b>	<b>The Politics of Rights</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		There are few legal, normative, and political issues more important than the efforts and struggles surrounding rights. It could be argued that the emergence of democratic political systems rested much of their legitimacy upon the claim that they guaranteed certain fundamental rights for citizens. Course examines the multifaceted character of rights discourse and struggles. The varied origins of rights narratives will be explored, as well as the controversies over the extension and effectiveness of rights to diverse populations. Students think critically about the rights they take for granted as well as the rights yet to be granted, to themselves and/or others.									
A&S	POLS	<b>POLS</b>	<b>5710</b>	<b>Contemporary Radical and Critical Theories</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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.									



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A&S	POLS	<b>POLS</b>	<b>5739</b>	<b>Politics of Race</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5752</b>	<b>The Politics of Intersectionality</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5756</b>	<b>The Politics of Visibility</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seeks to conceptualize, explore and explain the complex relationships between race and the creation, implementation and evaluation of public policy. First half offers overview of some dominant theories of public policy, including rational actor models, institutionalism, policy framing and agenda-setting, causal stories, and policy networks. Second, applies these theories in order to complete a more in-depth examination of policy areas that have either implicitly or explicitly institutionalized racial difference and/or disadvantage. Focus will be comparative; though substantial examples drawn from the United States and the industrialized world, also draws insights from developing contexts as necessary.									
A&S	POLS	<b>POLS</b>	<b>5759</b>	<b>Interracial Transgressions</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Origin and development of political ideas in the U.S. experience.									
A&S	POLS	<b>POLS</b>	<b>5765</b>	<b>Diaspora, Transnationalism and Post-Colonialism</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course introduces students to the theories, concepts and applications of the field of post-colonial, transnational and diaspora studies. As post-colonial studies is a wide field, we are engaged here in acquiring a working knowledge of its major ideas, conceptual platforms and methods of inquiry that are the bases of post-colonial studies. We will be examining some of the key themes in post-colonial studies, as well as reading some of the foundational texts on which the field of post-colonial studies is grounded.									
				The varied and multi-disciplinary fields of study that form our theoretical framework are founded on three premises: a) that whilst the era of formal colonialism is over, the social institutions, cultural practices and ideological formations produced by colonialism and other forms of oppression have left their legacy in the contemporary world; b) that mainstream ways of thought, interpretation and action have been informed and continue to be permeated by dominant conceptions from the West; and c) that race is a transnational phenomenon, tied to and imbued with the power of modernity.									
				These foundations provide some identifiable common denominators: a willingness to challenge the hegemonic assumptions of the West; a moral imperative to understand history and society from the point of view of those it has least benefited and who have been marginalized and even oppressed; an understanding that the current world system is the result of a world-historical racial project; and as a result, a theoretical commitment to developing new, more inclusive and more progressive ways of thinking and analyzing social, economical, political and historical forces that critically interrogate Western hegemonic forms of knowledge. Post-colonialism therefore includes studies of the formal colonial period and its aftermath. We are here mostly concerned with late colonialism, and the majority of this course will focus, although not exclusively, on the British colonial empire. This course is highly theoretical and interdisciplinary. Material will be chosen from a wide variety of geographical areas and from post-colonial thinkers from different disciplines.									
A&S	POLS	<b>POLS</b>	<b>5770</b>	<b>Legal Theory and Social Problems</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	POLS	<b>POLS</b>	<b>5800</b>	<b>Program Evaluation</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Principles and techniques of social science research.									
A&S	POLS	<b>POLS</b>	<b>5840</b>	<b>The Politics of Sustainability</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5880</b>	<b>Environmental and Public Policy Dispute Resolution</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	<b>POLS</b>	<b>5900</b>	<b>Special Topics in Political Science</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	99		N	G40		0
		ELIGIBLE GRADES:		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>	FLD	FE	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		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.									

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A&S	POLS	<b>POLS</b>	<b>5931</b>	<b>Independent Study in American Politics</b>	IND	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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>5931</b>	<b>Independent Study in American Politics</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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>5932</b>	<b>Independent Study in Law and Politics</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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.									
A&S	POLS	<b>POLS</b>	<b>5935</b>	<b>Independent Study in Comparative Politics</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>5941</b>	<b>Research in American Politics</b>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>5942</b>	<b>Research in Law and Politics</b>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>5945</b>	<b>Research in Comparative Politics</b>	RSC	RS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>6000</b>	<b>Seminar in Political Science Scope and Theory</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	POLS 6010							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	POLS 6010							
		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.									

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A&S	POLS	<b>POLS</b>	<b>6100</b>	<b>Seminar in American Politics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	POLS 6100						
		COURSE DESC:		Introduces some of the latest theoretical innovations in theories of American political institutions (executive & legislative). It explores how the make-up of executive and legislative institutions influences their behavior at the federal and state levels. Institutional actions that will be covered in the class include war-making, budgetary decision-making, and policy-making in the social and economic arenas. The impact of external actors--political parties, interest groups, the media--will also be investigated.									
A&S	POLS	<b>POLS</b>	<b>6300</b>	<b>Seminar in Comparative Politics</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6520</b>	<b>Seminar in Theories of International Relations:II</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	POLS 6500						
		COURSE DESC:		Introduces some of the latest theoretical innovations in theories of International Relations. Explores how the social constitution of states influence their behavior at the international level. In particular, these theories look at the social constitution of states' national identity and they show how culture constitutes national identities, nations, and nations' foreign policies. States' actions that will be covered in the class include decisions to fight wars or not, choices of strategic culture, support for arms control and non-proliferation, overseas expansion, engagement in economic and political integration, participation in humanitarian interventions, responses to terrorism, resistance, or not, to globalization.									
A&S	POLS	<b>POLS</b>	<b>6600</b>	<b>Seminar in Law and Politics</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	<b>POLS</b>	<b>6900</b>	<b>Special Topics in Political Science</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	POLS	<b>POLS</b>	<b>6950</b>	<b>POLS Master's Thesis</b>	THE	TH	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research, writing, and preparing a Master's thesis.									
A&S	POLS	<b>T3</b>	<b>4850</b>	<b>Sustainability Citizenship</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0	2SS	N	U10		0
A&S	PSY	<b>PSY</b>	<b>1010</b>	<b>General Psychology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	2SS	N	U10		0
A&S	PSY	<b>PSY</b>	<b>1090</b>	<b>Optimizing Your Psychology Major</b> ELIGIBLE GRADES: A-F, CR 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.	LEC	LE	1	0		N	U10		75
A&S	PSY	<b>PSY</b>	<b>1110</b>	<b>Elementary Statistical Reasoning</b> ELIGIBLE GRADES: A-F 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 2500; no credit toward psychology major.	LEC	EL	3	0	1M	N	U10		0
A&S	PSY	<b>PSY</b>	<b>1110</b>	<b>Elementary Statistical Reasoning</b> ELIGIBLE GRADES: A-F 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 2500; no credit toward psychology major.	LEC	LE	3	0	1M	N	U10		0
A&S	PSY	<b>PSY</b>	<b>1900</b>	<b>Special Topics in Applied Psychology</b> ELIGIBLE GRADES: CR, F COURSE DESC: Workshops on specific topics in applied psychology, offered yearly. Students seeking academic credit must complete satisfactorily written project determined by instructor. Graded credit/no credit.	SEM	SE	1	3		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2110</b>	<b>Statistics for the Behavioral Sciences</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0	1M	N	U10	CORRESPOND	0
A&S	PSY	<b>PSY</b>	<b>2110</b>	<b>Statistics for the Behavioral Sciences</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0	1M	N	U10	CORRESPOND	0
A&S	PSY	<b>PSY</b>	<b>2120</b>	<b>Research Methods in Psychology</b> ELIGIBLE GRADES: A-F COURSE DESC: Training in scientific methods and techniques of modern experimental psychology with individual reports of experiments.	LEC	LE	4	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2210</b>	<b>Physiological Psychology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2310</b>	<b>Cognitive Psychology</b> ELIGIBLE GRADES: A-F COURSE DESC: Theoretical and experimental investigations of learning in human beings: concept learning, problem solving, memory, motor skills, and language.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2410</b>	<b>Child and Adolescent Psychology</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PSY	<b>PSY</b>	<b>2410</b>	<b>Child and Adolescent Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 101D or 1010 and	WARNING:	not EDCI 2700 or EDTE 2000					
		COURSE DESC:		Applications of psychological theories and models to educational settings (emphasis on schools). Major topics include goals of education; cognitive, social, and affective development in children; cognitive and behavioral models of learning; motivation; individual differences; effects of social class, ethnicity, gender, and cultural deprivation on learning and development; tests and evaluation. Emphasis is on the role of teachers and parents as facilitators of learning and development. No credit awarded if EDCI 2700 OR EDTE 2000 has been taken.									
A&S	PSY	<b>PSY</b>	<b>2420</b>	<b>Educational Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 101D or 1010 and	WARNING:	not EDCI 2700 or EDTE 2000					
		COURSE DESC:		Applications of psychological theories and models to educational settings (emphasis on schools). Major topics include goals of education; cognitive, social, and affective development in children; cognitive and behavioral models of learning; motivation; individual differences; effects of social class, ethnicity, gender, and cultural deprivation on learning and development; tests and evaluation. Emphasis is on the role of teachers and parents as facilitators of learning and development. No credit awarded if EDCI 2700 OR EDTE 2000 has been taken.									
A&S	PSY	<b>PSY</b>	<b>2510</b>	<b>Social Psychology</b>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 1010 or PSY101D							
		COURSE DESC:		Theory and research on the ways that people think about, influence, and relate to one another. Specific topics include attitudes and behavior, social perception and cognition, conformity, persuasion, group influence, aggression, attraction, and helping behavior.									
A&S	PSY	<b>PSY</b>	<b>2510</b>	<b>Social Psychology</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 1010 or PSY101D							
		COURSE DESC:		Theory and research on the ways that people think about, influence, and relate to one another. Specific topics include attitudes and behavior, social perception and cognition, conformity, persuasion, group influence, aggression, attraction, and helping behavior.									
A&S	PSY	<b>PSY</b>	<b>2540</b>	<b>Psychology of Peace and Cooperation</b>	DIS	DI	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>Abnormal Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	7 Hours in PSY including 101D or 1010							
		COURSE DESC:		Development, presentation, and assessment of psychological disorders, with evaluation of major etiological theories and research findings.									
A&S	PSY	<b>PSY</b>	<b>2720</b>	<b>Psychology of Personality</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 101D or 1010							
		COURSE DESC:		Development, organization, and assessment of personality, with evaluation of major theoretical perspectives and research on personality.									
A&S	PSY	<b>PSY</b>	<b>2900</b>	<b>Special Topics in Psychology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PSY	<b>PSY</b>	<b>2900</b>	<b>Special Topics in Psychology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	PSY	<b>PSY</b>	<b>2970T</b>	<b>Psychology Tutorial</b>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial experience on a wide range of topics.									

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A&S	PSY	<b>PSY</b>	<b>2971T</b>	<b>Psychology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: HTC COURSE DESC: Tutorial experience on a wide range of topics.	TUT	TU	1 to 12	24		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2980T</b>	<b>Psychology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: HTC COURSE DESC: Tutorial experience on a wide range of topics.	TUT	TU	1 to 12	24		N	U30		0
A&S	PSY	<b>PSY</b>	<b>2981T</b>	<b>Psychology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: HTC COURSE DESC: Tutorial experience on a wide range of topics.	TUT	TU	1 to 12	24		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3110</b>	<b>Advanced Statistics for the Behavioral Sciences</b> ELIGIBLE GRADES: 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.	LEC	LE	4	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3120</b>	<b>Tests and Measurements</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3210</b>	<b>Sensation and Perception</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3220</b>	<b>Learning</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3230</b>	<b>Comparative Psychology</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3240</b>	<b>Human Psychophysiology</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3250</b>	<b>Psychology of Health and Illness</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3310</b>	<b>Human Memory</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3320</b>	<b>Psycholinguistics</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3330</b>	<b>Human Judgment and Decision Making</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
A&S	PSY	<b>PSY</b>	<b>3410</b>	<b>Behavior Genetics and Individual Differences</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0



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A&S	PSY	<b>PSY</b>	<b>3420</b>	<b>Psychology of Adulthood and Aging</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in PSY including 101D or 1010 (2410 is recommended)							
		COURSE DESC:		Behavioral change and continuity over adult years through old age. Emphasis on interaction of psychological, sociocultural, and biological variables as they contribute to behaviors of aging individual from perspective of developmental framework.									
A&S	PSY	<b>PSY</b>	<b>3430</b>	<b>Psychological Disorders of Childhood</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3440</b>	<b>Psychology of Gender</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		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>3510</b>	<b>Motivation</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in PSY including 101D or 1010							
		COURSE DESC:		Theory and research on the interface of psychology and the legal system (with an emphasis on social psychology). Specific topics include dilemmas faced by psychologists in the legal system; legality vs. morality; the socialization, training, and ethics of lawyers and police; perception memory and error in eyewitness testimony; hypnosis; lie detection and confessions; rights of victims and accused; rape and rapists; arrest and trial; jury selection; jury dynamics and deliberations; insanity and the prediction of dangerousness; sentencing; death penalty; rights of special groups; theories of crime.									
A&S	PSY	<b>PSY</b>	<b>3520</b>	<b>Social Psychology of Justice</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in PSY including 101D or 1010							
		COURSE DESC:		Theory and research on the interface of psychology and the legal system (with an emphasis on social psychology). Specific topics include dilemmas faced by psychologists in the legal system; legality vs. morality; the socialization, training, and ethics of lawyers and police; perception memory and error in eyewitness testimony; hypnosis; lie detection and confessions; rights of victims and accused; rape and rapists; arrest and trial; jury selection; jury dynamics and deliberations; insanity and the prediction of dangerousness; sentencing; death penalty; rights of special groups; theories of crime.									
A&S	PSY	<b>PSY</b>	<b>3530</b>	<b>Psychology of Religion</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3530</b>	<b>Psychology of Religion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	PSY 1010							
		COURSE DESC:		The goal of the course is to provide students with a comprehensive overview of research on the development of religious beliefs, the psychological functions that religious beliefs have on people's personal and social lives, and the factors that lead people to become more or less religious. We will examine the differences between religions and cults, the belief in miracles, and the conflicts that arise in behaving in accordance with one's religious beliefs. The course is designed to stimulate students to think about religious topics in new ways, whether this involves strengthening existing beliefs, leading them to question pre-existing beliefs, or simply encouraging them to think about facets of religious beliefs that they had not previously considered.									

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A&S	PSY	<b>PSY</b>	<b>3610</b>	<b>Survey of Industrial and Organizational Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3710</b>	<b>Clinical and Counseling Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
A&S	PSY	<b>PSY</b>	<b>3910</b>	<b>Fieldwork in Psychology</b>	FLD	FE	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Independent fieldwork as volunteer or employee in work directly related to psychology. Arrangements for course credit must be approved by psychology faculty member before fieldwork begins. Contact assistant chair for undergrad affairs or other faculty member to complete necessary forms.									
A&S	PSY	<b>PSY</b>	<b>3920</b>	<b>Teaching Practicum</b>	PRA	PR	1 to 4	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required and no PSY areas						
		COURSE DESC:		The teaching practicum will provide students with the opportunity to work directly with a faculty member on the development and teaching of a selected psychology course. Students may serve as peer mentors to students in the class.									
A&S	PSY	<b>PSY</b>	<b>3940</b>	<b>Research in Psychology</b>	RSC	RS	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		CR, F		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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4010</b>	<b>History and Systems of Psychology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4410</b>	<b>Prenatal Influences on Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	PSY	<b>PSY</b>	<b>4710</b>	<b>Psychoactive Drugs: Therapeutic Agents and Drugs of Abuse</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 2210 and (2710 or 3430) Patterns of use and abuse of psychoactive agents, behavioral and physiological effects of drugs; etiological factors in drug abuse; treatment of drug abuse; use of drugs in the treatment of psychological disorders. Discussion of research on comparative effectiveness and integration of pharmacological and psychological interventions in the treatment of psychological disorders.									
A&S	PSY	<b>PSY</b>	<b>4720</b>	<b>Human Stress</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only and 18 hours in PSY including PSY 2120 Stress is an inevitable part of human life, and how we think about and respond to stressors can dramatically influence our health and well-being. Human stress is an interdisciplinary topic, and is best understood from multiple perspectives, including social psychological, cognitive, developmental, physiological, environmental, sociological, and medical. As such, this course will draw from material from complementary courses in psychology and related fields to synthesize and integrate ideas and information relating to human stress.									
A&S	PSY	<b>PSY</b>	<b>4810</b>	<b>Evolutionary Psychology</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 14 Hours in PSY including 2110 and Sr 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>	SEM	SE	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Specialized seminars on psychology related topics.									
A&S	PSY	<b>PSY</b>	<b>4930</b>	<b>Independent Study in Psychology</b>	IND	IS	1 to 4	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Independent work on special problem with any psychology professor.									
A&S	PSY	<b>PSY</b>	<b>4960H</b>	<b>Psychology Honors Seminar</b>	SEM	SE	1 to 4	18		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Departmental honors 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>	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Departmental honors 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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Special tutorial offered to students in Honors Tutorial program.									
A&S	PSY	<b>PSY</b>	<b>4980H</b>	<b>Honors Work in Psychology</b>	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Departmental honors 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>	TUT	TU	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Departmental honors 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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520, ECON 3810.									
A&S	PSY	<b>PSY</b>	<b>5110</b>	<b>Statistics for the Behavioral Sciences</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520, ECON 3810.									
A&S	PSY	<b>PSY</b>	<b>5111</b>	<b>Advanced Statistics for the Behavioral Sciences</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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A&S	PSY	<b>PSY</b>	<b>5120</b>	<b>Research Methods in Psychology</b> ELIGIBLE GRADES: A-F COURSE DESC: Training in scientific methods and techniques of modern experimental psychology with individual reports of experiments.	LEC	LE	4	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>5121</b>	<b>Tests and Measurements</b> ELIGIBLE GRADES: A-F COURSE DESC: Tests, psychophysical methods, scaling techniques, and questionnaires. Basic criteria including reliability, homogeneity, and validity.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>5700</b>	<b>Clinical Orientation</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Orientation to the clinical psychology doctoral program	LEC	LE	1	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>5900</b>	<b>Special Topics in Psychology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specialized seminars on psychology related topics.	LEC	EL	1 to 15	999		N	G50		0
A&S	PSY	<b>PSY</b>	<b>5900</b>	<b>Special Topics in Psychology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specialized seminars on psychology related topics.	LEC	LE	1 to 15	999		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6100</b>	<b>Data Management</b> ELIGIBLE GRADES: A-F, 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.	LAB	EL	1	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6100</b>	<b>Data Management</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	1	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6111</b>	<b>Advanced Statistics for the Behavioral Sciences</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6112</b>	<b>Introduction of Linear Regression Analysis</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6120</b>	<b>Advanced Research Methods in Psychology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6210</b>	<b>Human Psychophysiology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6220</b>	<b>Physiological Psychology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Biological basis of behaviors with emphasis on central nervous system and neurological disorders.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6310</b>	<b>Cognitive Processes</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Theory and research on human cognitive processes such as perception, learning, attention, similarity, concepts and categorization, memory, knowledge structures, affective states, language, reasoning, problem solving and judgment and decision making.	LEC	LE	3	0		N	G50		0

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A&S	PSY	<b>PSY</b>	<b>6410</b>	<b>Developmental Psychology</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6510</b>	<b>Experimental Social Psychology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examine major theoretical and research trends in social psychology with an emphasis on the study of attitudes, social perception, social influence, interpersonal dynamics, and small-group behavior.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6610</b>	<b>Survey of Industrial and Organizational Psychology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Application of psychological theories and research to topics in organizational behavior and personnel psychology.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6710</b>	<b>Clinical Psychopathology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Survey of theoretical and empirical literature on descriptive features, etiology, and development of psychopathology.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6712</b>	<b>Psychopathology of Childhood and Adolescence</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6720</b>	<b>Psychology of Personality</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Development and organization of personality; evaluation of major theoretical viewpoints; relationship of personality theories to psychopathology and psychotherapy approaches.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6730</b>	<b>Fundamentals of Clinical Assessment</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6740</b>	<b>Fundamentals of Psychotherapy</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6750</b>	<b>Issues in Professional Psychology</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Examines ethical, professional, and training issues associated with the field of clinical psychology.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6760</b>	<b>Diversity Issues in Research and Clinical Practice</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6900</b>	<b>Special Topics in Psychology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6900</b>	<b>Special Topics in Psychology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6930</b>	<b>Readings in Psychology</b> ELIGIBLE GRADES: A-F, 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.	IND	IS	1 to 4	15		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6950</b>	<b>Thesis</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Develop and complete a thesis.	THE	TH	1 to 8	35		I	G40		0

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A&S	PSY	<b>PSY</b>	<b>6970</b>	<b>Preparing Psychology Papers</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	1	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>6980</b>	<b>Research Seminar</b> ELIGIBLE GRADES: CR, 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.	SEM	SE	1	4		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7010</b>	<b>History and Systems of Psychology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7110</b>	<b>Multivariate Statistics</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Introduction to multivariate statistics. Topics covered are matrix algebra, multiple regression, canonical correlation, discriminant analysis and classification, and factor analysis. Variety of commercial computer programs used.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7120</b>	<b>Advanced Testing Principles</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The purpose of the course is to provide the knowledge and skills in understanding, selecting, scoring, and interpreting individual and group administered psychological and educational tests. An expansion and review of statistical constructs and test construction principles will be in order to critique the appropriateness of available psychological and academic achievement tests.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7130</b>	<b>Advanced Regression Analysis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: The first half of this course is an introduction to generalized linear regression models, including logistic regression, multinomial logistic regression, ordinal logistic regression, and Poisson regression models; the second half of this course is an introduction to multilevel linear models. Topics include the principles and procedures involved in the estimation and testing of parameters, the use of diagnostic procedures, the representation of categorical predictors, and the exploration of higher-order effects, including interactions.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7150</b>	<b>Structural Equation Modeling</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Modeling causality using linear models as in confirmatory factor analysis and structural equation modeling.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7170</b>	<b>Health Statistics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		I	G50		0
A&S	PSY	<b>PSY</b>	<b>7210</b>	<b>Neuropsychology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7240</b>	<b>Psychoneuroimmunology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7250</b>	<b>Health Psychology</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
A&S	PSY	<b>PSY</b>	<b>7270</b>	<b>Psychopharmacology and Psychotherapy</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0

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A&S	PSY	<b>PSY</b>	<b>7280</b>	<b>Pediatric Psychology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PSY 7250 and 7750 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>	PRA	PR	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: PSY 7250 and 7750 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: PSY 6310 Lectures and readings covering theoretical works in field of learning.									
A&S	PSY	<b>PSY</b>	<b>7350</b>	<b>Concept Learning and Categorization</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>7360</b>	<b>Mathematical Modeling of Cognition</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6310 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.									

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A&S	PSY	<b>PSY</b>	<b>7530</b>	<b>Social Psychology of the Self</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	PSY 6510						
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PSY 6310 or 6510						
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Study of organizational theory: classical and contemporary perspectives on the process and structure of organizations.									
A&S	PSY	<b>PSY</b>	<b>7625</b>	<b>Employee Turnover and Retention</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	PSY 6610						
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	PSY 6112						
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	PSY 6111 and 6610						
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PSY 6710 or concurrent						
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PSY 6712 and 6730						
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PSY 6710 and 6740						
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	PSY 6712 and 6740						
		COURSE DESC:		Theory, research, and practice of psychological interventions for child and adolescent psychological disorders.									



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A&S	PSY	<b>PSY</b>	<b>7750</b>	<b>Interventions in Health Psychology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 7250 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>	FLD	FE	1 to 12	24		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	FLD	FE	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6112 and 6120 Supervised field experience in organizational settings.									
A&S	PSY	<b>PSY</b>	<b>7920</b>	<b>Clinical Practicum</b>	PRA	PR	3	18		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6730 and 6740 and graduate student in psychology 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>	PRA	PR	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: PSY 6730 and 6740 and 7920 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>7930</b>	<b>Readings in Psychology</b>	IND	IS	1 to 4	15		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in psychology 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PSY	<b>PSY</b>	<b>8900</b>	<b>Special Topics in Psychology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
A&S	PSY	<b>PSY</b>	<b>8901</b>	<b>Advanced Seminar in Psychology: Quantitative</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and PSY 6112 Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8902</b>	<b>Advanced Seminar in Psychology: Physiological</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Course topics vary.									
A&S	PSY	<b>PSY</b>	<b>8903</b>	<b>Advanced Seminar in Psychology: Cognitive</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and PSY 6310 Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8904</b>	<b>Advanced Seminar in Psychology: Developmental</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8905</b>	<b>Advanced Seminar in Psychology: Social</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and PSY 6510 Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8906</b>	<b>Advanced Seminar in Psychology: Industrial/Organizational</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Seminar contents varies.									

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A&S	PSY	<b>PSY</b>	<b>8907</b>	<b>Advanced Seminar in Psychology: Clinical</b>	SEM	SE	3	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8908</b>	<b>Advanced Seminar in Psychology: General</b>	SEM	SE	3	21		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Seminar contents varies.									
A&S	PSY	<b>PSY</b>	<b>8920</b>	<b>Clinical Supervision</b>	PRA	PR	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	RSC	RS	1 to 4	25		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Student may assist in the planning, designing, data collection, interpretation, and writing of research projects.									
A&S	PSY	<b>PSY</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	35		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Develop and complete a dissertation.									
A&S	PSY	<b>T3</b>	<b>4800</b>	<b>War: Human Response</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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> ELIGIBLE GRADES: A-F COURSE DESC: Students learn about the core concepts used in cultural anthropology and how anthropologists study human cultures and societies. Consideration is given to the relevance of anthropological theories, methods, and ethics in the context of contemporary culture change, taking into account processes of colonialism, globalization, and development. Students gain an appreciation of the broader goals of cultural anthropology to record cultural patterns and behaviors, represent a variety of voices and perceptions, explain cultural processes, and develop a fundamental understanding of human diversity.	LEC	LE	3	0	2CP	N	U10		0
A&S	SOC	<b>ANTH</b>	<b>2010</b>	<b>Introduction to Biological Anthropology</b> ELIGIBLE GRADES: A-F COURSE DESC: Evolutionary theory; primates; fossil record of human evolution; mechanics of evolution; human variation.	LEC	LE	3	0	2NS	N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2020</b>	<b>Introduction to World Archaeology</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic concepts; how archaeologists reconstruct extinct societies and explore cultural evolution.	LEC	LE	3	0	2CP	N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2900</b>	<b>Special Topics in Anthropology</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2900</b>	<b>Special Topics in Anthropology</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2970T</b>	<b>Anthropology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors Tutorial College tutorial on theories and issues in anthropology.	TUT	TU	1 to 12	15		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2971T</b>	<b>Anthropology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors Tutorial College tutorial on theories and issues in anthropology.	TUT	TU	1 to 12	15		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2980T</b>	<b>Anthropology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors Tutorial College tutorial on theories and issues in anthropology.	TUT	TU	1 to 12	15		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>2981T</b>	<b>Anthropology Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Honors Tutorial on topics in Anthropology.	TUT	TU	1 to 12	15		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>3010</b>	<b>Visual Anthropology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>3400</b>	<b>Applied Anthropology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>3450</b>	<b>Gender in Cross-Cultural Perspective</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Considers the range of cultural diversity in defining gender roles; comparative approach toward understanding the behaviors and perceptions associated with gender.	LEC	LE	3	0		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>3460</b>	<b>Introduction to Human Osteology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
A&S	SOC	<b>ANTH</b>	<b>3490</b>	<b>Life History: The Individual and Culture</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of ways of growing up in various cultures; emphasizes the relationship between the individual and culture.	LEC	LE	3	0		N	U30		0

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A&S	SOC	<b>ANTH</b>	<b>3500</b>	<b>Economic Anthropology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 Sickle and Plow: Archaeology of Foraging Societies</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2NS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ANTH 2020						
		COURSE DESC:		Analysis and interpretation of the cultural evolution of indigenous North American Indian cultures. Emphasis placed on those cultures from Ohio and the Midwest.									
A&S	SOC	<b>ANTH</b>	<b>3660</b>	<b>Cultures of the Americas</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ANTH 1010 and 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ANTH 2020						
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution in pre-Hispanic Mexico and Central America.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>ANTH</b>	<b>3730</b>	<b>Perspectives in Anthropology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ANTH 1010 and not 3660						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ANTH 1010						
		COURSE DESC:		Selected topics of current concern across Southeast Asian cultures and societies. Students will apply contemporary social theory to particular case studies.									
A&S	SOC	<b>ANTH</b>	<b>3930</b>	<b>Readings in Anthropology</b>	IND	IS	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	15 Hours in ANTH						
		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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Anthropology.									
A&S	SOC	<b>ANTH</b>	<b>3980T</b>	<b>Anthropology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Anthropology.									
A&S	SOC	<b>ANTH</b>	<b>4470</b>	<b>Forensic Anthropology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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A&S	SOC	<b>ANTH</b>	<b>4480</b>	<b>Blood, Bones, and Violence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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 Methodology and Field Research</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ANTH 1010 and (3010 or 3400 or 3450 or 3490 or 3500 or 3510 or 3530 or 3570 or 3660 or 3760 or 3770 or 3800 or 3810 or 3830 or 3850 or 3860) and (Jr or Sr)							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ANTH 1010 and (Jr or Sr)							
		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ANTH 1010 and 2010 and 2020 and (3010 or 3400 or 3450 or 3460 or 3490 or 3500 or 3510 or 3530 or 3540 or 3550 or 3570 or 3610 or 3660 or 3670 or 3700 or 3760 or 3770 or 3780 or 3800 or 3810 or 3830 or 3850 or 3860) and (Jr or Sr)							
		COURSE DESC:		Overview of the dominant theories and perspectives that have shaped cultural anthropological research and writing over the past century or so.									
A&S	SOC	<b>ANTH</b>	<b>4730</b>	<b>Human Evolution</b>	LEC	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		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>4900</b>	<b>Special Topics in Anthropology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	<b>ANTH</b>	<b>4900</b>	<b>Special Topics in Anthropology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	<b>ANTH</b>	<b>4910</b>	<b>Anthropology Internship</b>	FLD	FE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	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>	FLD	FE	4	8		N	U30		0
		ELIGIBLE GRADES:		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>	RSC	RS	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	15 Hours in ANTH							
		COURSE DESC:		Individual research in anthropology in specific problem areas in which student has demonstrated ability and interest.									

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A&S	SOC	<b>ANTH</b>	<b>4940H</b>	<b>Honors Thesis</b>	RSC	RS	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	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>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ANTH 1010 and (3010 or 3400 or 3450 or 3490 or 3500 or 3510 or 3530 or 3570 or 3660 or 3760 or 3770 or 3800 or 3810 or 3830 or 3850 or 3860 or 4560 or 4620 or 4720) and (Jr or Sr)							
		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>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ANTH 2010 and (3460 or 3540 or 3550 or 3730 or 4470 or 4480 or 4730 or 4960) and (Jr or Sr)							
		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(ANTH 3610 or 3670 or 3700) and (Jr or Sr)							
		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>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	2 Courses in ANTH above 3000							
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									
A&S	SOC	<b>ANTH</b>	<b>4944</b>	<b>Seminar in Human Ecology</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	2 Courses in ANTH above 3000							
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.									
A&S	SOC	<b>ANTH</b>	<b>4945</b>	<b>Seminar: Special Topics</b>	SEM	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		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>4945</b>	<b>Seminar: Special Topics</b>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis work in Anthropology.									
A&S	SOC	<b>ANTH</b>	<b>4980T</b>	<b>Anthropology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis work in Anthropology.									
A&S	SOC	<b>ANTH</b>	<b>5010</b>	<b>Visual Anthropology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5450</b>	<b>Gender in Cross-Cultural Perspective</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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.									

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A&S	SOC	<b>ANTH</b>	<b>5470</b>	<b>Forensic Anthropology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5500</b>	<b>Economic Anthropology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		This course is designed to further students understanding of the behavior of non-human primates, from an evolutionary perspective, focusing on how selective forces impact the social behavior of primates.									
A&S	SOC	<b>ANTH</b>	<b>5550</b>	<b>Medical Anthropology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Non-Western medical systems and theories of health and disease causation; social basis for diagnosis and cure; curing rituals; symbolism of health and illness. Ecological factors in health and nonhealth; systemic connections between health concepts, culture, and environmental situations.									
A&S	SOC	<b>ANTH</b>	<b>5560</b>	<b>Ethnographic Methodology and Field Research</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Survey of methods and practical experience in the collection and analysis of data in cultural anthropology. Includes considerations of ethics in fieldwork and the institutional review of research proposals. Fulfills subfield requirement in cultural anthropology.									
A&S	SOC	<b>ANTH</b>	<b>5570</b>	<b>Anthropology of Religion</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Survey of various aspects of religion in their cultural setting with emphasis on the use of anthropological theories for an objective understanding of religion.									
A&S	SOC	<b>ANTH</b>	<b>5580</b>	<b>Peoples, Plagues and PestilenceE: The Anthropology of Infectious Disease</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		This course focuses on utilizing anthropological concepts such as the bio-cultural perspective to understand infectious disease, how cultures have responded to such challenges, and what the future might hold.									



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A&S	SOC	<b>ANTH</b>	<b>5590</b>	<b>Legal Anthropology</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the comparative study of law, legal institutions, and other modes of dispute processing and regulation, in both contemporary and historical societies. We read foundational works in legal anthropology, examine ethnographic studies of legal structures in non-Western cultures, and apply anthropological theories to facets of the U.S. legal system. Through the course, we explore legal pluralism, law and colonialism, law and culture, and law and everyday life. We also consider ethnographies of human rights, law, and justice in conflict and post-conflict settings.									
A&S	SOC	<b>ANTH</b>	<b>5610</b>	<b>North American Prehistory</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>5760</b>	<b>Culture Contact and Change</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Impacts of cultures upon one another; immediate and subsequent cultural adaptations; theory of change.									
A&S	SOC	<b>ANTH</b>	<b>5770</b>	<b>Peasant Communities</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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A&S	SOC	<b>ANTH</b>	<b>5810</b>	<b>Cultures of Sub-Saharan Africa</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	<b>ANTH</b>	<b>5900</b>	<b>Special Topics in Anthropology</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	FLD	FE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.									
A&S	SOC	<b>ANTH</b>	<b>5941</b>	<b>Seminar in Cultural Anthropology</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>5944</b>	<b>Seminar in Human Ecology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.									

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A&S	SOC	<b>ANTH</b>	<b>5945</b>	<b>Seminar: Special Topics</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		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>	LEC	EL	3	0	2SS	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		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>1000</b>	<b>Introduction to Sociology</b>	LEC	LE	3	0	2SS	N	U10	CCE, CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000 or (Soph or Jr or Sr)								
				Sociological perspectives on social problems considered. Emphasis on the social mechanisms that produce and reproduce images, explanations, causes, and consequences of social problems.									
A&S	SOC	<b>SOC</b>	<b>2000</b>	<b>Contemporary Social Problems</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000 or (Soph or Jr or Sr)								
				Sociological perspectives on social problems considered. Emphasis on the social mechanisms that produce and reproduce images, explanations, causes, and consequences of social problems.									
A&S	SOC	<b>SOC</b>	<b>2040</b>	<b>Animals and Human Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				Patterning of individual behavior from social interactions. Analysis of individual-group relationships in various social settings. Current theory and research in social psychology.									
A&S	SOC	<b>SOC</b>	<b>2110</b>	<b>Collective Behavior</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				Examines the emergence and significance of collective behavior in its many forms. Topics may include but are not limited to behavior in crowds; behavior in panics, disasters, fads and fashions, protests, and riots; rumor and communication processes; and the impact of collective behavior on society.									
A&S	SOC	<b>SOC</b>	<b>2200</b>	<b>Introduction to the Family</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				Emphasis on American family and how it has been changing. Topics include interaction within family, family in relation to other institutions, mate selection, marriage and its alternatives, family disorganization, and future of American family.									
A&S	SOC	<b>SOC</b>	<b>2300</b>	<b>Social Inequalities and Social Change</b>	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				This course is a comprehensive survey of the sources, meaning, and consequences of social inequality in its multiple forms including age, class, gender, poverty/wealth, race/ethnicity, sexuality, and spatial dimensions. The course connects these forms to social change processes that can be both a source of or solution to inequality. Whether it is collective action, culture, development, the environment, globalization, population, social institutions, or social structure, social change has many sources, providing an arena for social inequality to play out and intersect in its various forms. Having taken this course, students will have received breadth in the coverage of social inequality and social change, enabling critical analysis of its dynamics and presence in their everyday lives and the larger society. Using a social injustice framework and an informed sociological imagination, the course is intended to prepare students for additional study in more focused and advanced topics in inequality.									
A&S	SOC	<b>SOC</b>	<b>2310</b>	<b>Sociology of Health and Health Care</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	SOC 1000								
				Examination of social definitions of health and disease, distributions of health and disease, and health care delivery. Particular attention devoted to medical education, various health care delivery systems, and contemporary social issues in medicine.									

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A&S	SOC	<b>SOC</b>	<b>2310</b>	<b>Sociology of Health and Health Care</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SOC 1000									
				Examination of social definitions of health and disease, distributions of health and disease, and health care delivery. Particular attention devoted to medical education, various health care delivery systems, and contemporary social issues in medicine.									
A&S	SOC	<b>SOC</b>	<b>2330</b>	<b>Sociology of Sport</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2600</b>	<b>Criminal Justice</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SOC 1000									
				Examination of structures and decision processes of agencies that deal with crime and criminal offenders. An emphasis is placed on how practice is based on politically derived public policies, and how sociology can be used to analyze the practice of these agencies. Topics include criminal law, policing, court systems, sentencing, and corrections.									
A&S	SOC	<b>SOC</b>	<b>2610</b>	<b>Deviant Behavior</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SOC 1000									
				Theory and research concerning the social processes through which behaviors and statuses come to be defined as deviant, individuals become identified as deviants, and social control practices are directed toward perceived deviants. Case studies of specific categories of deviant behavior, including criminality, suicide, drug addiction, and mental disorders.									
A&S	SOC	<b>SOC</b>	<b>2900</b>	<b>Special Topics in Sociology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	SOC	<b>SOC</b>	<b>2900</b>	<b>Special Topics in Sociology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
A&S	SOC	<b>SOC</b>	<b>2970T</b>	<b>Honors Tutorial in Sociology</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				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>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000									
				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>3000</b>	<b>Development of Sociological Theory</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000									
				Intensive study of Appalachia from sociological perspective. Emphasis on population of Appalachia (number and distribution of inhabitants, characteristics of population, vital processes and migration), culture of rural poverty, acceptance of innovation and social change in Appalachia, major social institutions in area, and community power structure in Appalachia.									
A&S	SOC	<b>SOC</b>	<b>3150</b>	<b>Social Identities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000									
				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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>3270</b>	<b>Sociology of Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in SOC including 1000							
		COURSE DESC:		Causes and consequences of class and social inequality in selected societies. Critical examination of ideologies that claim to justify inequality.									
A&S	SOC	<b>SOC</b>	<b>3350</b>	<b>Economic Sociology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in SOC including 1000							
		COURSE DESC:		This course examines the social structural, cultural, and political foundations of market exchange, the production of goods and services in the formal and informal economies, and consumption. A variety of theoretical approaches drawn from the political economy, social behavioral, sociology of culture, and social network traditions in sociology will be used to explore non-economic dimensions of economic structure and action.									
A&S	SOC	<b>SOC</b>	<b>3350</b>	<b>Economic Sociology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in SOC including 1000							
		COURSE DESC:		This course examines the social structural, cultural, and political foundations of market exchange, the production of goods and services in the formal and informal economies, and consumption. A variety of theoretical approaches drawn from the political economy, social behavioral, sociology of culture, and social network traditions in sociology will be used to explore non-economic dimensions of economic structure and action.									
A&S	SOC	<b>SOC</b>	<b>3400</b>	<b>Population and Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	6 Hours in SOC including 1000							
		COURSE DESC:		Social and cultural determinations and consequences of changes in fertility, mortality, and migration. Current and historical national and international population policies and programs.									
A&S	SOC	<b>SOC</b>	<b>3500</b>	<b>Elementary Research Techniques</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SOC 1000 and (404 or 3000) and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)							
		COURSE DESC:		An introduction to the techniques employed by social scientists to identify research problems, gather data, analyze data, and reach conclusions about their research ideas. Topics include how to identify a research problem, ways to develop data gathering procedures, techniques of gathering data, ways to summarize data, and ways to analyze data. The overall goal is to provide the tools to be able to design and carry out a research project.									
A&S	SOC	<b>SOC</b>	<b>3500</b>	<b>Elementary Research Techniques</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SOC 1000 and (404 or 3000) and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)							
		COURSE DESC:		An introduction to the techniques employed by social scientists to identify research problems, gather data, analyze data, and reach conclusions about their research ideas. Topics include how to identify a research problem, ways to develop data gathering procedures, techniques of gathering data, ways to summarize data, and ways to analyze data. The overall goal is to provide the tools to be able to design and carry out a research project.									
A&S	SOC	<b>SOC</b>	<b>3520</b>	<b>Field Studies in Sociology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	SOC 3500							
		COURSE DESC:		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>	SEM	SE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	9 Hours in (ANTH or SOC)							
		COURSE DESC:		Junior level composition course for Sociology and Anthropology majors and students in related fields. Combines writing instruction with consideration of substantive social science topics. Students try various styles of social science writing (book reviews; grant proposals; field notes; interviews; etc.). Prerequisites: (JR OR SR) & 13 HRS SOC/ANT									
A&S	SOC	<b>SOC</b>	<b>3600</b>	<b>Criminology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SOC 2600							
		COURSE DESC:		Theories and research in criminal behavior and societal reaction to criminality. Causes and consequences of crime.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>3600</b>	<b>Criminology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOC 2600						
		COURSE DESC:		Theories and research in criminal behavior and societal reaction to criminality. Causes and consequences of crime.									
A&S	SOC	<b>SOC</b>	<b>3630</b>	<b>Juvenile Delinquency</b>	LEC	LE	3	0		N	U30		66
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOC 2600						
		COURSE DESC:		Theories and research in delinquency. Causes and consequences of delinquent behavior among juveniles.									
A&S	SOC	<b>SOC</b>	<b>3640</b>	<b>Police and Society</b>	LEC	LE	3	0		N	U30		66
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30	CORRESPOND	66
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOC 2600						
		COURSE DESC:		Examination of history, operation, and problems of punishment. Patterns of prison organization, inmate group structure, personnel organization, and racism examined. Purpose and effectiveness of penal institutions described. Prisons, juvenile institutions, parole, halfway houses, and alternatives to punishment studied.									
A&S	SOC	<b>SOC</b>	<b>3670</b>	<b>Corporate and Governmental Crime</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3680X</b>	<b>Immigration and Crime</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOC 1000 and 6 hours in Sociology						
		COURSE DESC:		This course will provide students with the basic knowledge about how immigration and crime intersect. The students will first learn the fundamentals of immigration, to include the basic history of immigration in the United States, the push and pull factors that bring immigrants to the United States, and contemporary issues relating to modern-day immigrants. The course will then cover the ways in which immigrants come in contact with the criminal justice system in this country.									
A&S	SOC	<b>SOC</b>	<b>3680X</b>	<b>Immigration and Crime</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOC 1000 and 6 hours in Sociology						
		COURSE DESC:		This course will provide students with the basic knowledge about how immigration and crime intersect. The students will first learn the fundamentals of immigration, to include the basic history of immigration in the United States, the push and pull factors that bring immigrants to the United States, and contemporary issues relating to modern-day immigrants. The course will then cover the ways in which immigrants come in contact with the criminal justice system in this country.									
A&S	SOC	<b>SOC</b>	<b>3720</b>	<b>Sociology of Masculinity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required						
		COURSE DESC:		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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		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>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Sociology for third year students. Topics vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>4000</b>	<b>Emergent Topics in Sociological Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including (1000 and (404 or 3000)) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>4140</b>	<b>Contemporary Social Movements</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>4240</b>	<b>Urban Sociology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.									
A&S	SOC	<b>SOC</b>	<b>4280</b>	<b>Sociology of Religion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 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.									

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A&S	SOC	<b>SOC</b>	<b>4320</b>	<b>Political Sociology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4330</b>	<b>Sociology of Work</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4500</b>	<b>Data Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4640</b>	<b>Law in Societies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>4700</b>	<b>Sociology of Gender</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 This course explores the social and cultural construction of gender as a fundamental basis of social relations and institutions and the micro and macro narratives we tell about those interpersonal relations and institutions. Focus includes sociological theories of gender, and an examination of gender in areas such as sexuality, identity, the body, education, marriage, family, violence, health, paid and unpaid work, popular culture, politics, and the history of the discipline itself.									
A&S	SOC	<b>SOC</b>	<b>4710</b>	<b>Gender and Justice</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 Explores how the interpretation and application of criminal law reflects assumptions about men's and women's natures, appropriate roles, and positions in society. Readings examine changes and stability in the prosecution of violence against women; the prosecution, sentencing, and correction of women offenders; women's and men's access to the profession of law and other legal positions; and conceptions of justice. Readings highlight how race, class, and gender intersect and how structure and interpersonal interaction contribute to observed outcomes.									
A&S	SOC	<b>SOC</b>	<b>4810</b>	<b>Environmental Sociology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 Hours in SOC including 1000 Examines the interaction between social systems and the natural ecosystems in which they reside. It considers the predominant cultural, demographic, economic, geographic, political, and social factors that modify and shape the environment and the human ecological footprint. Emphasis is on the prospects for the emergence of sustainable societies and links between environmental issues and conflict, development, globalization, inequality, social change, and social movements among others.									
A&S	SOC	<b>SOC</b>	<b>4900</b>	<b>GRADUATE PROSEMINAR IN SOCIOLOGY</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>4900</b>	<b>GRADUATE PROSEMINAR IN SOCIOLOGY</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	FLD	FE	3 to 9	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and SOC 3500 and sociology major and Sr only Provides internship experience for students majoring in sociology, criminology/sociology, and sociology-prelaw. Students will have the opportunity to apply social science knowledge in working with law, business, criminal justice, non-profit, social service, and other organizations.									
A&S	SOC	<b>SOC</b>	<b>4940</b>	<b>Research Problems in Sociology</b>	RSC	RS	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and 15 hours in SOC including (404 or 3000) and 3500 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>	RSC	RS	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Designed individually for students pursuing departmental honors. The work is undertaken under the supervision of a faculty member and may extend for up to one academic year. The student is expected to produce a thesis from the work.									
A&S	SOC	<b>SOC</b>	<b>4950</b>	<b>Sociology Capstone</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 18 Hours in SOC including 3000 and 3500 and Sr only Capstone course in sociology.									
A&S	SOC	<b>SOC</b>	<b>4970T</b>	<b>Sociology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Honors tutorial thesis course for seniors.									
A&S	SOC	<b>SOC</b>	<b>4980T</b>	<b>Sociology Tutorial</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Honors tutorial thesis course for seniors									
A&S	SOC	<b>SOC</b>	<b>5130</b>	<b>Media and Society</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: The proliferation of new media/technology and its impact upon social life; the dramatic impact of an intensely global visual culture upon social life; tensions in race, gender, and sexuality in representation; the resurgence and cultural functions of the zrealz in box office documentary and reality television; ideological debates about media effects and violence; the limits of representation (images of death, torture, war, and genocide) and the end(s) of the social.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>5140</b>	<b>Contemporary Social Movements</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the meaning of social movements and contentious politics and their significance for producing social change in contemporary world societies. Using case studies of typical movements, the course emphasizes both radical and reform movements and their various dynamics and components including emergence and participation, organization, culture, identity, tactical repertoires, and outcomes among others.									
A&S	SOC	<b>SOC</b>	<b>5160</b>	<b>Society and Individual</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		This course introduces a range of theories of group processes, discusses research applications to social groups, and encourages students to apply these theories to contemporary groups. Communication patterns, social networks, social roles, status processes, and solidarity are among topics covered. Current research literature is stressed.									
A&S	SOC	<b>SOC</b>	<b>5210</b>	<b>Comparative Studies of Family</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The institution of marriage and family will be examined and analyzed with regard to families from different cultural, racial, and ethnic backgrounds. Special emphasis on the significance of social and cultural determinants of family life in the United States.									
A&S	SOC	<b>SOC</b>	<b>5220</b>	<b>The American Family System</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Development of the family system throughout history with an emphasis on how changing patterns and conditions led to the formation of the American family. Problems and challenges, both at the micro and macro levels, faced by the American family today are also examined.									
A&S	SOC	<b>SOC</b>	<b>5240</b>	<b>Urban Sociology</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									
A&S	SOC	<b>SOC</b>	<b>5240</b>	<b>Urban Sociology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.									
A&S	SOC	<b>SOC</b>	<b>5280</b>	<b>Sociology of Religion</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5280</b>	<b>Sociology of Religion</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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A&S	SOC	<b>SOC</b>	<b>5330</b>	<b>Sociology of Work</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5330</b>	<b>Sociology of Work</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5500</b>	<b>Data Analysis</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5500</b>	<b>Data Analysis</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5620</b>	<b>Sociology of the Courts</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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A&S	SOC	<b>SOC</b>	<b>5710</b>	<b>Gender and Justice</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5810</b>	<b>Environmental Sociology</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Graduate student in Sociology						
		COURSE DESC:		Required for incoming sociology graduate students. It is designed to advance students' enthusiasm and commitment to sociology as an intellectual endeavor and as a profession. The course will also help graduate students acclimate to the rigorous requirements and culture of graduate school.									
A&S	SOC	<b>SOC</b>	<b>5930</b>	<b>Readings in Sociology</b>	IND	IS	1 to 16	16		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Independent directed readings designed to expand understanding in selected areas of interest not covered in regular course offerings.									
A&S	SOC	<b>SOC</b>	<b>5931</b>	<b>Research Problems in Sociology</b>	IND	IS	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Individual research in specific problem areas in which student has demonstrated ability and interest.									
A&S	SOC	<b>SOC</b>	<b>6000</b>	<b>Graduate Seminar in the Sociological Study of Gender</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		An advanced examination of current sociological theories and research in the sociology of gender including theoretical and methodological debates in gender studies.									
A&S	SOC	<b>SOC</b>	<b>6010</b>	<b>Graduate Seminar: Qualitative Research Methods</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		This course provides an introduction to qualitative social science research methods, focusing primarily on participant observation and intensive interviewing. Students engage in fieldwork data collection techniques, qualitative data coding and analysis, and writing of qualitative research reports.									
A&S	SOC	<b>SOC</b>	<b>6020</b>	<b>Graduate Seminar in the Sociology of Organizations</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		A survey of the sociological approach to the structure and function of organizations in society. The primary focus is on bureaucracies, nonprofit organizations, and enterprises. Students will gain an appreciation of how organizations work, empower, frustrate, and shape people. Students will understand why organizations succeed or fail in achieving their goals.									
A&S	SOC	<b>SOC</b>	<b>6030</b>	<b>Seminar: Crime and Deviance</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		This course is an advanced survey of crime and deviance theories. The course will cover the history and development of theories of crime and deviance. Additional attention is focused on the methodological approaches and data sources used to estimate the distribution of crime and deviance in the U.S., and how to use and evaluate these different sources.									
A&S	SOC	<b>SOC</b>	<b>6040</b>	<b>Graduate Seminar in Work and Inequality</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		The seminar focuses on the social organization of work, current trends, and inequalities. Students will critically examine sociological theories and research about work and workplaces in a global economy with an emphasis on the (re)production of inequality. The interdependence of economic, social, and political factors that shape and change the nature of work is covered within a global context.									
A&S	SOC	<b>SOC</b>	<b>6050</b>	<b>Graduate Seminar in Race and Ethnicity</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		A systematic evaluation of the principal theories, research, and substantive issues that frame the sociological study of race and ethnicity.									
A&S	SOC	<b>SOC</b>	<b>6060</b>	<b>Graduate Seminar in Social Inequality</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		A survey of the sociological study of the multiple forms of social inequality.									

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A&S	SOC	<b>SOC</b>	<b>6070</b>	<b>Graduate Seminar in Globalization and Development</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		A survey of the current theory, research and debates on globalization and its cultural, economic, political, and social forms. Topics may include conflict and violence, democratization and human rights, ecological change, food systems, political economy, international organizations, and social movements.									
A&S	SOC	<b>SOC</b>	<b>6080</b>	<b>Graduate Seminar: Poverty</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of poverty in sociology.									
A&S	SOC	<b>SOC</b>	<b>6090</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6100</b>	<b>Graduate Seminar</b>	SEM	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6100</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6110</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6120</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic.									
A&S	SOC	<b>SOC</b>	<b>6130</b>	<b>Graduate Seminar</b>	SEM	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6130</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6140</b>	<b>Graduate Seminar</b>	SEM	SE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		COURSE DESC:		Critical examination of selected topic in sociology.									
A&S	SOC	<b>SOC</b>	<b>6150</b>	<b>Seminar in Social Psychology</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		An advanced examination of selected topics in sociological social psychology with emphasis on current theory and research.									
A&S	SOC	<b>SOC</b>	<b>6160</b>	<b>Sociological Theory</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Graduate Standing						
		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>	SEM	SE	1	12		I	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to fundamentals of multivariate analysis. Topics covered include simple linear and multiple regression, analysis of variance and covariance, and logistic regression.									
A&S	SOC	<b>SOC</b>	<b>6510</b>	<b>Intermediate Data Analysis</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to fundamentals of multivariate analysis. Topics covered include simple linear and multiple regression, analysis of variance and covariance, and logistic regression.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	SOC	<b>SOC</b>	<b>6540</b>	<b>Social Research Methods</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	<b>SOC</b>	<b>6900</b>	<b>Special Topics in Sociology</b>	LEC	LE	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Specific course content will vary with offering.									
A&S	SOC	<b>SOC</b>	<b>6910</b>	<b>Seminar in Teaching Sociology</b>	FLD	FE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>6920</b>	<b>Practicum in Sociology</b>	PRA	PR	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	IS	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>6950</b>	<b>Thesis</b>	THE	TH	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		For sociology graduate students working on a thesis									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	<b>WGSS</b>	<b>1000</b>	<b>Introduction to Women's, Gender, and Sexuality Studies</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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.									
A&S	WGSS	<b>WGSS</b>	<b>1000</b>	<b>Introduction to Women's, Gender, and Sexuality Studies</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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.									
A&S	WGSS	<b>WGSS</b>	<b>2000</b>	<b>Issues in Women's, Gender, and Sexuality Studies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WGS 1000						
		COURSE DESC:		Critical analysis of contemporary issues pertaining to women, gender, and sexuality.									
A&S	WGSS	<b>WGSS</b>	<b>2000</b>	<b>Issues in Women's, Gender, and Sexuality Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WGS 1000						
		COURSE DESC:		Critical analysis of contemporary issues pertaining to women, gender, and sexuality.									
A&S	WGSS	<b>WGSS</b>	<b>2100</b>	<b>Women, Gender, and Rock and Roll</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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.									
A&S	WGSS	<b>WGSS</b>	<b>2200</b>	<b>Introduction to LGBTQ Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introductory course in which students examine various historical, sociocultural, and political aspects of lesbian, gay, bisexual, transgender, and queer identities and experience.									
A&S	WGSS	<b>WGSS</b>	<b>2900</b>	<b>Special Topics in Women's, Gender, and Sexuality Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	WGSS	<b>WGSS</b>	<b>2900</b>	<b>Special Topics in Women's, Gender, and Sexuality Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
A&S	WGSS	<b>WGSS</b>	<b>2970T</b>	<b>WGSS Non-Thesis Tutorial First Year</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>2971T</b>	<b>WGSS Non-Thesis Tutorial Second Year</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>2980T</b>	<b>WGSS Non-Thesis Tutorial First Year</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>2981T</b>	<b>WGSS Non-Thesis Tutorial Second Year</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>3200</b>	<b>Sexual Revolutions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WGS 1000 or 2000						
		COURSE DESC:		Examines various sexual revolutions, past and present, through differing disciplinary lenses.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	WGSS	<b>WGSS</b>	<b>3500</b>	<b>Feminist Theory</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 or 2000 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>3500</b>	<b>Feminist Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 or 2000 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>	SEM	SE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 and (ENG 1510 or 1610) and (Jr or Sr) 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>	FLD	FE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Honors tutorial on topics in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>4100</b>	<b>Global Feminisms</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 3500 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 3500 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 3500 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 3500 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>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 3500 and 6 additional hours of WGS and Sr only 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>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGSS 4610 and 6 additional hours of WGSS and Sr 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.									



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A&S	WGSS	<b>WGSS</b>	<b>4820</b>	<b>Capstone in LGBTQ Studies</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGSS 4610 and 6 additional hours of WGSS and Sr 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>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WGS 1000 and (Jr or Sr) Focuses on specific topics of interest in the field of Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>4930</b>	<b>Independent Reading</b>	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Directed individual reading or research.									
A&S	WGSS	<b>WGSS</b>	<b>4970T</b>	<b>WGSS Thesis Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Honors tutorial thesis in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>4980T</b>	<b>WGSS Thesis Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Honors tutorial thesis in Women's, Gender, and Sexuality Studies.									
A&S	WGSS	<b>WGSS</b>	<b>4990H</b>	<b>Honors Project</b>	TUT	TU	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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 and Gender Studies</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Focuses on specific topics of interest in the field of Women's Studies.									
A&S	WGSS	<b>WGSS</b>	<b>5930</b>	<b>Independent Reading</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Directed individual reading and research.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	<b>ACCT</b>	<b>1000</b>	<b>Financial Accounting for Entrepreneurs</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tier I Quantitative Skills 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>1000</b>	<b>Financial Accounting for Entrepreneurs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tier I Quantitative Skills 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Not COB major and Warning: No credit for this course if taken after ACCT 1010 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>1005</b>	<b>Accounting for Business Activities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Not COB major and Warning: No credit for this course if taken after ACCT 1010 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher or Math Placement Level 1 or higher 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>1020</b>	<b>Decision Making with Accounting</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1010 and (ECON 1030 or concurrent) 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	ACCT	<b>ACCT</b>	<b>2900</b>	<b>Special Topics in Accounting</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	ACCT	<b>ACCT</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1020 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>3050</b>	<b>Financial Accounting and Reporting II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ACCT 3040 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1020 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>3400</b>	<b>Introduction to Federal Income Tax Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1020 is REQUIRED and ACCT 3040 and FIN 2400 are HIGHLY recommended 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 3030 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	<b>ACCT</b>	<b>3660</b>	<b>Oil and Gas Accounting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1010 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 and 1020) and MGT 3740 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>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 3040 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 3400 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 3040 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 4200 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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 3050 and ACCT 3400 and Sr 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>4900</b>	<b>Special Topics in Accounting</b>	SEM	SE	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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	IS	1 to 3	10		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Research in selected fields of accounting under direction of faculty member.									
COB	ACCT	<b>ACCT</b>	<b>4940H</b>	<b>Honors Thesis</b>	RSC	RS	1 to 3	10		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required of director of honors studies Thesis for honors students. Research is instructor directed.									
COB	ACCT	<b>ACCT</b>	<b>5900</b>	<b>Special Topics in Accounting</b>	SEM	SE	1 to 3	9		I	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	<b>ACCT</b>	<b>5930</b>	<b>Independent Study</b>	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Permission required						
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.									
COB	ACCT	<b>ACCT</b>	<b>6900</b>	<b>Special Topics in Accounting</b>	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Permission required						
		COURSE DESC:		Selected topics of current interest in accounting area.									
COB	ACCT	<b>ACCT</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Permission required						
		COURSE DESC:		Research in selected fields of accounting under direction of faculty member.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	<b>FIN</b>	<b>2010</b>	<b>Basic Personal Finance</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces financial literacy, which includes understand in the sources of personal income and how consumers spend, manage risk and save. Methods for saving and investing will be presented. The importance of personal credit scores and consumer debt, including credit cards, automobile loans and home mortgages will be discussed. Topics will also include goal setting, household budgeting and major purchase decision making. There will also be a discussion of retirement planning and the various ways to prepare for retirement. Students will be trained to calculate mortgage and car loan payments and the value of an investment. The purpose of this course is to prepare students to solve personal financial problems and make good financial decisions.									
COB	FIN	<b>FIN</b>	<b>2010</b>	<b>Basic Personal Finance</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces financial literacy, which includes understand in the sources of personal income and how consumers spend, manage risk and save. Methods for saving and investing will be presented. The importance of personal credit scores and consumer debt, including credit cards, automobile loans and home mortgages will be discussed. Topics will also include goal setting, household budgeting and major purchase decision making. There will also be a discussion of retirement planning and the various ways to prepare for retirement. Students will be trained to calculate mortgage and car loan payments and the value of an investment. The purpose of this course is to prepare students to solve personal financial problems and make good financial decisions.									
COB	FIN	<b>FIN</b>	<b>2400</b>	<b>Financial Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 1010 and COB						
		COURSE DESC:		This course is an introduction to and overview of financial management.									
COB	FIN	<b>FIN</b>	<b>2900</b>	<b>Special Topics in Finance</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	FIN	<b>FIN</b>	<b>2900</b>	<b>Special Topics in Finance</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	FIN	<b>FIN</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, 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	FIN	<b>FIN</b>	<b>3000</b>	<b>Foundations of Financial Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ACCT 1005 or 1010) and not COB except BS 8123 and WARNING: No Credit if taken after the following: FIN 2400 and 3100						
		COURSE DESC:		Introduces the student to the basic principles of short-term and long-term corporate financial management.									
COB	FIN	<b>FIN</b>	<b>3100</b>	<b>Financial Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ACCT 1000 and not COB and WARNING not (FIN 2020 or 2400)						
		COURSE DESC:		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>3100</b>	<b>Financial Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ACCT 1000 and not COB and WARNING not (FIN 2020 or 2400)						
		COURSE DESC:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		Use of financial analytical tools to draw insights regarding a firm's historical financial position and performance, and to make management and investing decisions regarding its future prospects in multiple industrial contexts.									
COB	FIN	<b>FIN</b>	<b>3200</b>	<b>Financial Statement Analysis and Financial Modeling</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		Use of financial analytical tools to draw insights regarding a firm's historical financial position and performance, and to make management and investing decisions regarding its future prospects in multiple industrial contexts.									
COB	FIN	<b>FIN</b>	<b>3270</b>	<b>Financial Markets and Institutions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		Flow of funds and interest-price movements in money and capital markets. Supply of loanable funds and demand for funds in mortgage loan market, consumer credit market, corporate securities markets, and markets for government securities and municipal obligations. Consideration of effects on financial markets of Federal Reserve and Treasury policies.									

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COB	FIN	<b>FIN</b>	<b>3310</b>	<b>Risk and Insurance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Social importance of risk and its place in personal, business, and national life, including principles and methods of handling risk. Special interest in technique of insurance.									
COB	FIN	<b>FIN</b>	<b>3410</b>	<b>Investments</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1350 or 2301						
		COURSE DESC:		This course covers the principles used by investors to identify and evaluate various investment alternatives.									
COB	FIN	<b>FIN</b>	<b>3910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required and 2.5 GPA						
		COURSE DESC:		Internship experience that provides opportunities to learn by participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	FIN	<b>FIN</b>	<b>4100</b>	<b>Personal Financial Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	FIN 2400						
		COURSE DESC:		Introduction to financial planning for individuals. This course will survey the topics of money management, insurance planning, investment planning, retirement planning, and estate planning.									
COB	FIN	<b>FIN</b>	<b>4110</b>	<b>Retirement Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 3400 and BUSL 2550 and FIN 3310 and 3410 and 4110 and 4120						
		COURSE DESC:		Critical thinking and decision-making about personal financial management topics in the context of the financial planning process.									
COB	FIN	<b>FIN</b>	<b>4280</b>	<b>Bank Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4360</b>	<b>Life Insurance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4520</b>	<b>Entrepreneurial Finance</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of basic financial management techniques to small business environment (100 or fewer employees). Problems faced by persons who start small businesses and recommendations for alternative solutions to most commonly discovered problems. Microview, nuts-and-bolts approach used throughout course, but consistent with broad macro-overview set of company objectives.									
COB	FIN	<b>FIN</b>	<b>4520</b>	<b>Entrepreneurial Finance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of basic financial management techniques to small business environment (100 or fewer employees). Problems faced by persons who start small businesses and recommendations for alternative solutions to most commonly discovered problems. Microview, nuts-and-bolts approach used throughout course, but consistent with broad macro-overview set of company objectives.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	<b>FIN</b>	<b>4530</b>	<b>Real Estate Finance</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: FIN 2400									
				This course will consider the economic issues that are of fundamental importance in the analysis of real estate investment and financing. Specifically, both the financial and market analysis of real estate investments will be explored in detail. In addition, particular attention will be paid to the effects of various types of financing options on the investor's return on income producing property and the consumer's decision to purchase residential real estate. Finally, the course will consider the effects of government intervention in both the real estate and mortgage markets.									
COB	FIN	<b>FIN</b>	<b>4530</b>	<b>Real Estate Finance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: FIN 2400									
				This course will consider the economic issues that are of fundamental importance in the analysis of real estate investment and financing. Specifically, both the financial and market analysis of real estate investments will be explored in detail. In addition, particular attention will be paid to the effects of various types of financing options on the investor's return on income producing property and the consumer's decision to purchase residential real estate. Finally, the course will consider the effects of government intervention in both the real estate and mortgage markets.									
COB	FIN	<b>FIN</b>	<b>4550</b>	<b>International Finance</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: FIN 2400									
				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>4550</b>	<b>International Finance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: FIN 2400									
				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>4590</b>	<b>Advanced Corporate Finance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Selected topics of current interest in finance area.									
COB	FIN	<b>FIN</b>	<b>4900</b>	<b>Special Topics in Finance</b>	SEM	SE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Selected topics of current interest in finance area.									
COB	FIN	<b>FIN</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required									
				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	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Readings in selected fields of finance. Topics selected by student in consultation with the instructor.									
COB	FIN	<b>FIN</b>	<b>4930</b>	<b>Readings</b>	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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>	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Research in selected fields of finance under direction of faculty member.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	FIN	<b>FIN</b>	<b>4940H</b>	<b>Honors Thesis</b>	RSC	RS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Permission required						
		COURSE DESC:		Honors thesis.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>BA</b>	<b>1000</b>	<b>Introduction to the College of Business</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: COB 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</b>	LEC	LE	3	0		N	U10		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: A general introduction to business, its environment, and the skills needed for success.									
COB	MGT	<b>BA</b>	<b>1500</b>	<b>Introduction to Business Communication and Professional Skills</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB Introduces the basic business communication principles and practices and sets the communication standards in preparation for real world workplace experiences. Business-related cases are utilized for research, writing, and speaking activities.									
COB	MGT	<b>BA</b>	<b>1600</b>	<b>Introduction to Business Problems</b>	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1600</b>	<b>Introduction to Business Problems</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	1	0		N	U30		75
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: COB and (Soph or Jr or Sr) and BA 1000 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>2500</b>	<b>Strategic Business Communication</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB and BA 1500 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>2500</b>	<b>Strategic Business Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB and BA 1500 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	MGT	<b>BA</b>	<b>2900</b>	<b>Special Topics in Business Administration</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	MGT	<b>BA</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1	0		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA Provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									
COB	MGT	<b>BA</b>	<b>2970T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only to conduct in depth research on a business topic. First year.									
COB	MGT	<b>BA</b>	<b>2971T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.									

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COB	MGT	<b>BA</b>	<b>2980T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3910</b>	<b>Internship</b>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	Permission required and 2.5 GPA							
		COURSE DESC:		Internship experience that provides opportunities for participation in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MGT	<b>BA</b>	<b>3970T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	COB only and (Soph or Jr or Sr)							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>BA</b>	<b>4900</b>	<b>Special Topics in Business Administration</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	COB only and (Soph or Jr or Sr)							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>BA</b>	<b>4905</b>	<b>Seminar in Business Administration</b>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar in Business Administration with topics determined by the assigned instructor. Topics will vary across offerings of this course so please see the Management Department for specifics.									
COB	MGT	<b>BA</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Participation in day-to-day activities of a business concern for at least four consecutive weeks.									
COB	MGT	<b>BA</b>	<b>4915</b>	<b>International Business Experience</b>	FLD	FE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Participation in Global Competitiveness Program or approved alternative international experience. Permission required.							
		COURSE DESC:		Students participate in the Global Competitiveness Program or other approved international experience. Students will be required to prepare a reflection paper describing their learning about global/international business from the experience.									
COB	MGT	<b>BA</b>	<b>4930</b>	<b>Readings in Business Administration</b>	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		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>	RSC	RS	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Written proposal							
		COURSE DESC:		Research in selected fields of business administration under direction of faculty member.									
COB	MGT	<b>BA</b>	<b>4970T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		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.									

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COB	MGT	<b>BA</b>	<b>4980T</b>	<b>Business Administration Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Special topics in business administration.									
COB	MGT	<b>BA</b>	<b>5950</b>	<b>Seminar in Business Administration</b>	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Special topics in business administration.									
COB	MGT	<b>BUSL</b>	<b>2000</b>	<b>Law and Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Not COB except BS 8123 and (Soph or Jr or Sr) and WARNING: no credit if taken after BUSL 2550 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>2550</b>	<b>Corporate Responsibility in a Legal Environment</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB only and (Soph or Jr or Sr) Conceptual approach to origin, nature, structure, functions, and procedures of law, with study of corporate responsibility and ethics and introduction to constitutional, administrative, criminal, tort, product liability, contractual, international, property, agency, partnership, corporation, and employment law including equal opportunity.									
COB	MGT	<b>BUSL</b>	<b>2900</b>	<b>Special Topics in Business Law</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	MGT	<b>BUSL</b>	<b>2900</b>	<b>Special Topics in Business Law</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	MGT	<b>BUSL</b>	<b>3400</b>	<b>Law of Food</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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 Corporate Governance, Commerce &amp; Related Topics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2550 or BUSL 2000 and (jr or sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	FLD	FE	3	0		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>BUSL</b>	<b>4650</b>	<b>Law of Sports</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Regulations of amateur athletics, public regulation of sports activities, legal relationships in professional sports, enforcement of professional sports contract, liability for injuries, and antitrust aspects of sports activities.									
COB	MGT	<b>BUSL</b>	<b>4810</b>	<b>Seminar</b>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	BUSL 2550						
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>BUSL</b>	<b>4900</b>	<b>Special Topics in Business Law</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>BUSL</b>	<b>4930</b>	<b>Independent Research</b>	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Written proposal						
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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 Corporate Governance, Commerce &amp; Related Topics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BUSL 5000						
		COURSE DESC:		Legal aspects of corporate governance, securities regulation, antitrust, negotiable instruments, secured transactions, bankruptcy, other interests in property, and related topics.									
COB	MGT	<b>BUSL</b>	<b>5650</b>	<b>Law of Sports</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Regulations of amateur athletics, public regulation of sports activities, legal relationships in professional sports, enforcement of professional sports contracts, antitrust aspects of sports activities, liability for injuries in sports activities.									
COB	MGT	<b>BUSL</b>	<b>5950</b>	<b>Seminar in Business Law</b>	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics seminar for business law.									
COB	MGT	<b>BUSL</b>	<b>5950</b>	<b>Seminar in Business Law</b>	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics seminar for business law.									
COB	MGT	<b>MBA</b>	<b>6110</b>	<b>MBA Core I</b>	LEC	LE	12	24		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		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>	LEC	LE	13	26		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	MBA 6110						
		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>	LEC	LE	13	26		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	MBA 6120						
		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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MBA</b>	<b>6310</b>	<b>Foundations of Accounting</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6310</b>	<b>Foundations of Accounting</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6315</b>	<b>Accounting for Executives</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>Data Analysis for Decision Making</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Provides a basic understanding of the effective use of the elementary tools of statistical analysis. Students will improve their ability to "think statistically;" identifying and exploiting variation during problem solving. Extensive use of spreadsheet-based statistical techniques is also addressed.									
COB	MGT	<b>MBA</b>	<b>6320</b>	<b>Data Analysis for Decision Making</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Provides a basic understanding of the effective use of the elementary tools of statistical analysis. Students will improve their ability to "think statistically;" identifying and exploiting variation during problem solving. Extensive use of spreadsheet-based statistical techniques is also addressed.									
COB	MGT	<b>MBA</b>	<b>6325</b>	<b>Prescriptive Analytics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Provides an introduction to analytics, which can be characterized as the gathering of data, processing of that data, interpreting the results of the information thus generated, all justified by and culminating in the commitment of management to decisive action based on the insights developed. Employs techniques from the classical disciplines of statistics and operations research as well as more recently developed methodologies such as data mining, executive information systems, digital dashboards and online analytical processing.									
COB	MGT	<b>MBA</b>	<b>6325</b>	<b>Prescriptive Analytics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Provides an introduction to analytics, which can be characterized as the gathering of data, processing of that data, interpreting the results of the information thus generated, all justified by and culminating in the commitment of management to decisive action based on the insights developed. Employs techniques from the classical disciplines of statistics and operations research as well as more recently developed methodologies such as data mining, executive information systems, digital dashboards and online analytical processing.									
COB	MGT	<b>MBA</b>	<b>6330</b>	<b>Financial Markets</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6330</b>	<b>Financial Markets</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6335</b>	<b>Managerial Finance</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MBA</b>	<b>6340</b>	<b>Organizational Behavior and Human Resource Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		A strategic and analytical approach to complex behavioral problems involving interactions among individuals, groups and organizational structure. Includes an exploration of the design and implementation of management practices as a basis for aligning human resource practices to support and advance strategy implementation and control for the organization.									
COB	MGT	<b>MBA</b>	<b>6340</b>	<b>Organizational Behavior and Human Resource Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		A strategic and analytical approach to complex behavioral problems involving interactions among individuals, groups and organizational structure. Includes an exploration of the design and implementation of management practices as a basis for aligning human resource practices to support and advance strategy implementation and control for the organization.									
COB	MGT	<b>MBA</b>	<b>6345</b>	<b>Financial Markets and Institutions</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		This course provides students with a basic knowledge of the concepts, problems, and applications of financial decision making as it relates to financial markets and institutions. Concepts related to banking, equity markets, fixed income markets, derivative markets, and foreign exchange markets are emphasized.									
COB	MGT	<b>MBA</b>	<b>6345</b>	<b>Financial Markets and Institutions</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		This course provides students with a basic knowledge of the concepts, problems, and applications of financial decision making as it relates to financial markets and institutions. Concepts related to banking, equity markets, fixed income markets, derivative markets, and foreign exchange markets are emphasized.									
COB	MGT	<b>MBA</b>	<b>6350</b>	<b>Strategic Marketing and Supply Chain Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Reviews basic marketing principles, explains the linkages between marketing concepts and strategy, and covers strategic issues in marketing and supply chain management.									
COB	MGT	<b>MBA</b>	<b>6350</b>	<b>Strategic Marketing and Supply Chain Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Reviews basic marketing principles, explains the linkages between marketing concepts and strategy, and covers strategic issues in marketing and supply chain management.									
COB	MGT	<b>MBA</b>	<b>6355</b>	<b>Investments</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Covers the principles used by investors to identify and evaluate various investment alternatives in forming investment portfolios. The topics include sources of investment information, relationship between investment risks and returns, portfolio theory, portfolio performance evaluation, analysis and valuation of securities (the main focus is on common stocks), and investor and market behavior.									
COB	MGT	<b>MBA</b>	<b>6355</b>	<b>Investments</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Covers the principles used by investors to identify and evaluate various investment alternatives in forming investment portfolios. The topics include sources of investment information, relationship between investment risks and returns, portfolio theory, portfolio performance evaluation, analysis and valuation of securities (the main focus is on common stocks), and investor and market behavior.									
COB	MGT	<b>MBA</b>	<b>6360</b>	<b>Strategic Use of Information</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Provides a broad view of MIS by integrating organizational and technical perspectives. Focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations and business in general. Intended to provide the student with an introduction to information systems, oriented toward fundamental principles and concepts rather than technical aspects of information systems.									
COB	MGT	<b>MBA</b>	<b>6360</b>	<b>Strategic Use of Information</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Provides a broad view of MIS by integrating organizational and technical perspectives. Focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations and business in general. Intended to provide the student with an introduction to information systems, oriented toward fundamental principles and concepts rather than technical aspects of information systems.									
COB	MGT	<b>MBA</b>	<b>6365</b>	<b>Advanced Corporate Finance</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		The course provides students with a deeper understanding of corporate finance. Specifically, we explore and discuss the following topics: capital structure, dividend policy, both long-term and short-term financing, risk management at the firm level, and some special topics. The course provides students with the skills necessary for a career in financial management. This course combines real-world examples from the Wall Street Journal and recent academic articles with the financial management strategies outlined in the text. In short, students will be able to address key company specific questions about the firm's strategy and ability to fund its operations, while at the same time managing and incorporating risk management to maximize shareholder wealth.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MBA</b>	<b>6365</b>	<b>Advanced Corporate Finance</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6370</b>	<b>Operations Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>Strategic Leadership</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6380</b>	<b>Strategic Leadership</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>	DIS	DI	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	<b>MBA</b>	<b>6390</b>	<b>Predictive Analytics</b>	DIS	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	<b>MBA</b>	<b>6390</b>	<b>Predictive Analytics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	<b>MBA</b>	<b>6390</b>	<b>Predictive Analytics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. Predictive analytics encompasses a variety of statistical and machine learning techniques and applications within a business environment. The primary goal of predictive analytics is to discover and apply relationships found within historic datasets in order to make predictions about the future or otherwise unknown events. In this hands-on course, students will be introduced to concepts related to constructing, testing, and applying quantitative models in various business settings. From this perspective, students will utilize major software tools in order to conduct an analysis of continuous, classification, and clustering models. Upon completion of this course, students will gain insight of how models are constructed and how predictive models can improve business.									
COB	MGT	<b>MBA</b>	<b>6395</b>	<b>Data Management, Business Intelligence, &amp; Analytics</b>	DIS	DI	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. This course provides a broad overview of business intelligence and data management including database fundamentals, business intelligence approaches, data management/data governance strategies, data mining and other business/data analytics techniques. Our primary emphasis will be on the managerial perspective, focusing on how you can design, implement and leverage business intelligence systems and strategies in a management role.									

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COB	MGT	<b>MBA</b>	<b>6395</b>	<b>Data Management, Business Intelligence, &amp; Analytics</b>	DIS	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. 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>6395</b>	<b>Data Management, Business Intelligence, &amp; Analytics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. 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>6395</b>	<b>Data Management, Business Intelligence, &amp; Analytics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission into the On-Line MBA Program. 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>6425</b>	<b>Leadership and Change Management</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6425</b>	<b>Leadership and Change Management</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6525</b>	<b>Ethics in the Global Environment</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6525</b>	<b>Ethics in the Global Environment</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program 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>6900</b>	<b>Special Topics in Business</b>	LEC	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Special topics or projects.									
COB	MGT	<b>MBA</b>	<b>6900</b>	<b>Special Topics in Business</b>	LEC	LE	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Special topics or projects.									
COB	MGT	<b>MBA</b>	<b>6910</b>	<b>MBA Core IV</b>	FLD	FE	6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA 6130 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>	LEC	LE	6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA 6130 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>	FLD	FE	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to MBA program Internship									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MBA</b>	<b>6912</b>	<b>Applied Business Experience</b>	FLD	FE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Students will apply their course material from the MBA program to a consulting or simulated business experience. Students will define a business problem to address, assess the organization and its context, and suggest solutions and an action plan for implementing the solution.									
COB	MGT	<b>MBA</b>	<b>6920</b>	<b>MBA Experiential Learning</b>	LEC	LE	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Applied learning experience in which students consult with various real organizations. Students set appropriate project scope, identify business problems to address, analyze the organization's current situation and context, and recommend solutions.									
COB	MGT	<b>MBA</b>	<b>6920</b>	<b>MBA Experiential Learning</b>	PRA	PR	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Applied learning experience in which students consult with various real organizations. Students set appropriate project scope, identify business problems to address, analyze the organization's current situation and context, and recommend solutions.									
COB	MGT	<b>MBA</b>	<b>6930</b>	<b>Graduate Readings Course</b>	IND	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Special readings completed under guidance of a faculty member.									
COB	MGT	<b>MBA</b>	<b>6930</b>	<b>Graduate Readings Course</b>	IND	IS	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to MBA program						
		COURSE DESC:		Special project(s) pursued independently by the student.									
COB	MGT	<b>MBA</b>	<b>6931</b>	<b>Independent Study</b>	IND	IS	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	1 to 2	4		I	U10		0
		ELIGIBLE GRADES:		CR, F		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>	SEM	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Freshman level seminar or workshop in special topics of Management & Strategic Leadership.									
COB	MGT	<b>MGT</b>	<b>1900</b>	<b>Special Topics in Management &amp; Strategic Leadership</b>	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Not COB except major code BS8123 and (Soph or Jr or Sr) and WARNING: no credit if taken after MGT 2100						
		COURSE DESC:		Understanding of and practice in solving problems facing managers and administrators using concepts and principles from behavioral sciences and other applicable disciplines.									
COB	MGT	<b>MGT</b>	<b>2100</b>	<b>Introduction to Management and Organization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	WARNING: no credit for this course if taken after the following: MGT 4590						
		COURSE DESC:		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>2590</b>	<b>Strategic Leadership Onboarding</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	WARNING: no credit for this course if taken after the following: MGT 4590						
		COURSE DESC:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MGT</b>	<b>2640</b>	<b>Managing Intercultural Effectiveness in Organizations</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>2640</b>	<b>Managing Intercultural Effectiveness in Organizations</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>MGT</b>	<b>2900</b>	<b>Special Topics in Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>MGT</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1	0		I	U30		0
		ELIGIBLE GRADES:		CR, 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 1010 and not COB except BS8123 and WARNING: no credit if taken after MGT 3200						
		COURSE DESC:		Not open to Fr., Soph., or BBA Students. Examines how operations management provides a product or service with higher quality and at a lower cost than competition. Emphasis is on providing a conceptual understanding of the operations function, which includes: product/process design, facility location and layout, capacity planning, material and inventory management.									
COB	MGT	<b>MGT</b>	<b>3050</b>	<b>Applied Management and Supervision</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Not COB major						
		COURSE DESC:		Application of management techniques to first line supervision and mid-level managerial roles. Topics include managerial planning, organizing and delegating work, leading, decision-making, motivating and evaluating performance, and human resources management.									
COB	MGT	<b>MGT</b>	<b>3050</b>	<b>Applied Management and Supervision</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Not COB major						
		COURSE DESC:		Application of management techniques to first line supervision and mid-level managerial roles. Topics include managerial planning, organizing and delegating work, leading, decision-making, motivating and evaluating performance, and human resources management.									
COB	MGT	<b>MGT</b>	<b>3100J</b>	<b>The Social, Legal, and Ethical Responsibilities of Business</b>	LEC	EL	3	0	1J	N	U10		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHIL 1300 and (MGT 2000 or 2100) and (Jr or Sr)						
		COURSE DESC:		Considers the role of organizations in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.									
COB	MGT	<b>MGT</b>	<b>3100J</b>	<b>The Social, Legal, and Ethical Responsibilities of Business</b>	LEC	LE	3	0	1J	N	U10		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHIL 1300 and (MGT 2000 or 2100) and (Jr or Sr)						
		COURSE DESC:		Considers the role of organizations in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.									
COB	MGT	<b>MGT</b>	<b>3200</b>	<b>Operations Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COB	MGT	<b>MGT</b>	<b>3270X</b>	<b>Sustainable Supply Chain Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MGT 3000 or 3200 This course is relevant to any manager, whether in a service organization or in a manufacturing company. This course 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 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>3300</b>	<b>Human Resource Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MGT 2000 or 2100 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Examines the behavior of individuals and groups in organizations. Focus on high performance and satisfaction in the modern workplace, and in context of cultural diversity, globalization, ethical behavior, and social responsibility. Designed to enhance career readiness in management and team leadership.									
COB	MGT	<b>MGT</b>	<b>3450</b>	<b>Entrepreneurial Leadership</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Students will be exposed to the concepts and theories about leadership at the individual level and will have an opportunity to build and enhance their leadership skills.									
COB	MGT	<b>MGT</b>	<b>3450</b>	<b>Entrepreneurial Leadership</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Students will be exposed to the concepts and theories about leadership at the individual level and will have an opportunity to build and enhance their leadership skills.									
COB	MGT	<b>MGT</b>	<b>3500</b>	<b>Theories of Organizational Effectiveness</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Macro-organizational view emphasizing organizational theory. Concentrates on interaction among organization, its environment and its members, and the importance of fit among organizational strategies, structures, and culture.									
COB	MGT	<b>MGT</b>	<b>3550</b>	<b>Creativity and Innovation Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Examination of the role of creativity and innovation in business with a particular focus on the management of the innovation process. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.									
COB	MGT	<b>MGT</b>	<b>3550</b>	<b>Creativity and Innovation Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Examination of the role of creativity and innovation in business with a particular focus on the management of the innovation process. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.									
COB	MGT	<b>MGT</b>	<b>3600</b>	<b>Introduction to International Business</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB or IB Certificate and (SOPH or JR or SR) An introductory course to the study of the special terms, concepts, and institutions associated with the environment in which multinational companies emerge, the nature and scope of their operations, and their economic, political and social impact.									
COB	MGT	<b>MGT</b>	<b>3650</b>	<b>International Market Assessment and Entry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COB or IB Certificate and (JR or SR) Examination of concepts, frameworks and tools for assessing international market opportunities and for selecting and implementing appropriate means of international market entry.									
COB	MGT	<b>MGT</b>	<b>3700</b>	<b>Introduction to Entrepreneurship</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Not COB except BS 8123 Introduction to the opportunities and challenges of creating and managing a new venture. Emphasis is on how to manage a new venture and operate it profitably.  Because of its comprehensive focus, the course will cover topics studied in several business classes including management, marketing, and finance. Topics examined will include conducting internal company and external environmental analyses, developing effective marketing and cash flow strategies, securing financing, and managing new venture operations. Additional topics will include international business and franchising opportunities, family business issues, innovation, corporate entrepreneurship, and ethical decision-making.									
COB	MGT	<b>MGT</b>	<b>3710</b>	<b>Business Plan Design</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Provides students with an understanding of the elements and uses of a business plan. Students will build a business plan from the concept stage through a final document that could be presented to financial investors, venture capitalists or loan sources in starting up a new venture.									

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COB	MGT	<b>MGT</b>	<b>3710</b>	<b>Business Plan Design</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COB	MGT	<b>MGT</b>	<b>3720</b>	<b>Technology Commercialization</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COB	MGT	<b>MGT</b>	<b>3730</b>	<b>Entrepreneurial Business Consulting</b> ELIGIBLE GRADES: A-F COURSE DESC: During this applied learning experience, students are assigned to work as consultants with a real business. They will conduct background research, analyze the client's current situation and context, and make recommendations on how to address a defined business problem. It is intended to enhance students' analytical skills while giving them the opportunity to apply business and other academic concepts to a real-world situation. Also addressed are general business skills, such as report writing, presentation, client interaction skills, and team management skills.	LEC	LE	3	0		N	U30		0
COB	MGT	<b>MGT</b>	<b>3730</b>	<b>Entrepreneurial Business Consulting</b> ELIGIBLE GRADES: A-F COURSE DESC: During this applied learning experience, students are assigned to work as consultants with a real business. They will conduct background research, analyze the client's current situation and context, and make recommendations on how to address a defined business problem. It is intended to enhance students' analytical skills while giving them the opportunity to apply business and other academic concepts to a real-world situation. Also addressed are general business skills, such as report writing, presentation, client interaction skills, and team management skills.	PRA	PR	3	0		N	U30		0
COB	MGT	<b>MGT</b>	<b>3735</b>	<b>Entrepreneurship in Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: Students will work in the Bobcat Hatchery in an action-based learning environment to create and implement innovative entrepreneurial solutions to real problems, by working towards creation of either start-ups or social ventures.	LEC	LE	3	6		N	U30		75
COB	MGT	<b>MGT</b>	<b>3740</b>	<b>Ideation and Business Models</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is for entrepreneurs building the courage to create, and risk making mistakes in their quests for true innovations in products, services or processes. You will solve problems in uncertain and dynamic environments. Creativity is the central focus, which might be defined as applying your mental ability and curiosity to discover something new; the act of relating previously unrelated things. More specifically, we focus on capitalist creativity. This means that we must apply a Business Model framework to your creativity. We demand that your solutions be profitable (have a potential to be profitable) and reflect bottom-line practicality. More importantly they must create value. We provide challenging places to fully engage your brain to discover patterns to produce breakthrough ideas that solve business problems.	LEC	EL	3	0		N	U30		40
COB	MGT	<b>MGT</b>	<b>3740</b>	<b>Ideation and Business Models</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is for entrepreneurs building the courage to create, and risk making mistakes in their quests for true innovations in products, services or processes. You will solve problems in uncertain and dynamic environments. Creativity is the central focus, which might be defined as applying your mental ability and curiosity to discover something new; the act of relating previously unrelated things. More specifically, we focus on capitalist creativity. This means that we must apply a Business Model framework to your creativity. We demand that your solutions be profitable (have a potential to be profitable) and reflect bottom-line practicality. More importantly they must create value. We provide challenging places to fully engage your brain to discover patterns to produce breakthrough ideas that solve business problems.	LEC	LE	3	0		N	U30		40
COB	MGT	<b>MGT</b>	<b>3780</b>	<b>Lean StartUp Accelerator</b> ELIGIBLE GRADES: A-F COURSE DESC: This course provides real world, hands-on learning on the process of actually starting a company, applying the Lean StartUp methodology. Our goal, within the constraints of a classroom and the time available is to create an entrepreneurial experience with all of the pressures of an early stage start-up. The class is designed to give you the experience of how to work as a team and turn an idea into a company. You will talk to customers, partners and competitors as you encounter the uncertainty of the start-up process. You will practice evidence-based entrepreneurship as you learn how to use a business model to brainstorm each part of a company and customer development to get out of the classroom to see whether anyone other than you would want/use your product or service. Finally, based on the customer and market feedback you have gathered, you will use agile development to rapidly iterate your product or concept to build/design something customers would actually buy and use. Completion of this course is necessary for teams who wish to compete for admission to Ohio University's Innovation Engine Accelerator mentoring program, grant and investment funding opportunities via TechGROWTH Ohio and admission to other mentoring and funding opportunities designed to help start ventures at Ohio University.	SEM	SE	3	0		N	U30		0
COB	MGT	<b>MGT</b>	<b>3910</b>	<b>Internship</b> ELIGIBLE GRADES: CR, F COURSE DESC: Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.	FLD	FE	1 to 4	0		I	U30		0
COB	MGT	<b>MGT</b>	<b>4300</b>	<b>Managing Employee Relations</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of discretionary and mandatory employee relations issues such as discipline procedures, individual employment contracts, union contract administration, and alternative dispute resolution. Topics also include employee safety and health issues, and compliance with health and safety regulations.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>MGT</b>	<b>4370</b>	<b>Strategic Talent Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
COB	MGT	<b>MGT</b>	<b>4420</b>	<b>Gender Issues in Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 workforce. Emphasis is placed on student activities, research of pertinent topics, readings, reports, online dialogue, and incorporates community service learning.									
COB	MGT	<b>MGT</b>	<b>4430</b>	<b>Managerial Decision Making</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Decision making and problem solving in organizations from managerial perspective.									
COB	MGT	<b>MGT</b>	<b>4560</b>	<b>Strategic Leadership Consulting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MGT 3400						
		COURSE DESC:		Overviews the management consulting process and the tools and techniques that can be used to help organizations improve performance. Draws on the broad concepts of strategic management and organizational analysis to frame problem solving and discussions. Exposes students to the fundamentals of consulting practice, including diagnosing situations, planning and executing assignments, client management, common mistakes, and ethical issues in consulting, as well as a variety of diagnostic and problem-solving methodologies.									
COB	MGT	<b>MGT</b>	<b>4580</b>	<b>Managing Transformations and Organizational Change</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MGT 3400						
		COURSE DESC:		Examines theories, concepts, and applications relating to change leadership in the modern workplace. Focus on internal processes of organizational transformation, change, and development. Designed to improve leadership potential through understanding change models and strategies, resistance to change and change leadership roles in the context of a dynamic, uncertain, and ever-changing external environment.									
COB	MGT	<b>MGT</b>	<b>4590</b>	<b>Strategic Business Leadership</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MGT 3400 and Sr						
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COB or Sr only						
		COURSE DESC:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MGT 4640 and COB and SR						
		COURSE DESC:		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>	LEC	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 3770 and Sr only						
		COURSE DESC:		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>4700</b>	<b>Theories of Entrepreneurship</b>	LEC	LE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 3770 and Sr only						
		COURSE DESC:		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.									

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COB	MGT	<b>MGT</b>	<b>4800J</b>	<b>Business Strategy</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	FIN 2400 and MGT 2100 and MIS 2020 and MKT 2400 and (MGT 3200 or concurrent) and Sr only and	WARNING: Not BA 470 J						
		COURSE DESC:		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>4800J</b>	<b>Business Strategy</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	FIN 2400 and MGT 2100 and MIS 2020 and MKT 2400 and (MGT 3200 or concurrent) and Sr only and	WARNING: Not BA 470 J						
		COURSE DESC:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>MGT</b>	<b>4900</b>	<b>Special Topics in Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>MGT</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	Permission required							
		COURSE DESC:		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	IS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Written proposal							
		COURSE DESC:		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>	RSC	RS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required of director of honors studies							
		COURSE DESC:		Independent research. Course content selected by professor and student.									
COB	MGT	<b>MGT</b>	<b>4950</b>	<b>Seminar in Management</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Jr or Sr							
		COURSE DESC:		Selected topics of current interest in leadership, management, organizational behavior and related areas. Students may repeat MGT 491 with different topics.									
COB	MGT	<b>MGT</b>	<b>5000</b>	<b>Introduction to Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5300</b>	<b>Human Resource Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MGT 2000 or 2100 or 5000							
		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>5350</b>	<b>Managing Employee Relations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MGT 2000 or 2100 or 5000							
		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>5400</b>	<b>Organizational Behavior</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Examines the behavior of individuals and groups in organizations. Focus on high performance and satisfaction in the modern workplace, and in context of cultural diversity, globalization, ethical behavior, and social responsibility. Designed to enhance career readiness in management and team leadership.									
COB	MGT	<b>MGT</b>	<b>5430</b>	<b>Managerial Decision Making</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MGT 2000 or 2100 or 5000							
		COURSE DESC:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5570</b>	<b>Strategic Talent Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5580</b>	<b>Managing Transformations and Organizational Change</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: no credit for both this course and the following: MGT 4580							
		COURSE DESC:		Examines theories, concepts, and applications relating to change leadership in the modern workplace. Focus on internal processes of organizational transformation, change, and development. Designed to improve leadership potential through understanding change models and strategies, resistance to change and change leadership roles in the context of a dynamic, uncertain, and ever-changing external environment.									
COB	MGT	<b>MGT</b>	<b>5600</b>	<b>Multinational Business</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5950</b>	<b>Seminar</b>	SEM	EL	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Selected topics of current interest in management and organizational behavior.									
COB	MGT	<b>MGT</b>	<b>5950</b>	<b>Seminar</b>	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Jr only							
		COURSE DESC:		This comprehensive and participative course will provide students with the skills, knowledge and tools needed for project success. The students will learn the essential steps in setting up project plans, scheduling work, exercising appropriate control and monitoring progress to achieve desired project goals. Through class exercises and realistic projects, students learn how the principles are put into practice. The topics covered in this session are those considered best practices in the field. Upon completion of this course, the participants return to their own major fields prepared to meet time, budget and performance objectives of their own projects.									
COB	MGT	<b>OPN</b>	<b>3150</b>	<b>Project Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Jr only							
		COURSE DESC:		This comprehensive and participative course will provide students with the skills, knowledge and tools needed for project success. The students will learn the essential steps in setting up project plans, scheduling work, exercising appropriate control and monitoring progress to achieve desired project goals. Through class exercises and realistic projects, students learn how the principles are put into practice. The topics covered in this session are those considered best practices in the field. Upon completion of this course, the participants return to their own major fields prepared to meet time, budget and performance objectives of their own projects.									
COB	MGT	<b>OPN</b>	<b>4900</b>	<b>Special Topics in Operations</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>OPN</b>	<b>4900</b>	<b>Special Topics in Operations</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>PRCM</b>	<b>3250J</b>	<b>Business Communication</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Tier I English and (Jr or Sr)							
		COURSE DESC:		Provides opportunities to practice and improve written and spoken communication skills, both individual and collaborative, which are appropriate for career success. Utilizes strategic managerial communication skills in analyzing business problems or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.									

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COB	MGT	<b>PRCM</b>	<b>3250J</b>	<b>Business Communication</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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>QBA</b>	<b>1720</b>	<b>Introduction to Information Analysis and Descriptive Analytics</b>	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduces students to information analysis and descriptive analytics. Includes the organization of data, central tendency and dispersion, probability concepts, probability distributions, sampling distribution, estimation and hypothesis testing, simple linear regression analysis, analysis of variance, nonparametric statistical tests, and the use of Excel in statistical analysis. Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.									
COB	MGT	<b>QBA</b>	<b>1720</b>	<b>Introduction to Information Analysis and Descriptive Analytics</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduces students to information analysis and descriptive analytics. Includes the organization of data, central tendency and dispersion, probability concepts, probability distributions, sampling distribution, estimation and hypothesis testing, simple linear regression analysis, analysis of variance, nonparametric statistical tests, and the use of Excel in statistical analysis. Introduces students to effective information designs to help solve business problems. Students critically analyze business problems and develop high quality information designs that inform and support management decisions using personal computer software tools.									
COB	MGT	<b>QBA</b>	<b>2010</b>	<b>Introduction to Business Statistics</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		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	MGT	<b>QBA</b>	<b>2720</b>	<b>Business Analytics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	QBA 1720 or 2010							
		COURSE DESC:		Business Analytics is the use, analysis and interpretation of data to drive decision-making. Teaches students how to apply problem-solving processes to business situations, think critically and analytically, and understand how to analyze the internal and external environments of business organizations. Upon completion students will have a better understanding of analytical methods for managing today's organizations, and how these tools can be used to assist the decision-making process in a variety of business contexts.									
COB	MGT	<b>QBA</b>	<b>2720</b>	<b>Business Analytics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	QBA 1720 or 2010							
		COURSE DESC:		Business Analytics is the use, analysis and interpretation of data to drive decision-making. Teaches students how to apply problem-solving processes to business situations, think critically and analytically, and understand how to analyze the internal and external environments of business organizations. Upon completion students will have a better understanding of analytical methods for managing today's organizations, and how these tools can be used to assist the decision-making process in a variety of business contexts.									
COB	MGT	<b>QBA</b>	<b>2900</b>	<b>Special Topics in Quantitative Business Analysis</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>QBA</b>	<b>2900</b>	<b>Special Topics in Quantitative Business Analysis</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>QBA</b>	<b>3720</b>	<b>Predictive Analytics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	QBA 2720 or 3710							
		COURSE DESC:		Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MGT	<b>QBA</b>	<b>3720</b>	<b>Predictive Analytics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 2720 or 3710 Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MGT	<b>QBA</b>	<b>4720</b>	<b>Prescriptive Analytics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 2720 (or concurrent) or 3710 or 3720 (or concurrent) Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									
COB	MGT	<b>QBA</b>	<b>4720</b>	<b>Prescriptive Analytics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 2720 (or concurrent) or 3710 or 3720 (or concurrent) Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									
COB	MGT	<b>QBA</b>	<b>4900</b>	<b>Special Topics in Quantitative Business Analysis</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>QBA</b>	<b>4900</b>	<b>Special Topics in Quantitative Business Analysis</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
COB	MGT	<b>QBA</b>	<b>5720</b>	<b>Predictive Analytics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 3710 Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MGT	<b>QBA</b>	<b>5720</b>	<b>Predictive Analytics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 3710 Modern businesses can benefit by analyzing information stored within datasets. Predictive analytics is a form of analysis that aims to discover trends or patterns within datasets. The mathematical relationships that are found are used to make proactive, future-based, data-driven decisions. Predictive analytics is an important field of study because techniques that are used can find complex relationships that experts overlook, or may not know at the time of the analysis. This course covers a variety of predictive analytics techniques and theories from the viewpoint of various business applications. To achieve the course learning objectives, students utilize major software tools that are commonly used in business to develop, test, and apply continuous, classification and clustering models.									
COB	MGT	<b>QBA</b>	<b>5730</b>	<b>Prescriptive Analytics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 5720 or concurrent Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									
COB	MGT	<b>QBA</b>	<b>5730</b>	<b>Prescriptive Analytics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: QBA 5720 or concurrent Prescriptive analytics uses multiple techniques that recommend which course of action a decision maker should take within a business environment. The goal is to utilize these techniques to determine optimal strategies that can improve the results related to business decisions. In this course, students will be introduced to concepts related to developing various linear and non-linear models within major software tools that are commonly used by business professionals. Students will conduct an analysis of assignment, transportation, and network models as well as investigate other business scenarios that require additional theories such as integer and goal programming. In addition, students will develop simulation models and utilize decision analysis strategies for conditions of uncertainty.									

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

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COB	MIS	<b>MIS</b>	<b>2200</b>	<b>Systems Analysis and Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2010 or MIS 2011									
				Provides an introduction to Systems Analysis and Design. Topics include analyzing the business case, requirements modeling, data and process modeling, and development strategies, with an increased focus on object modeling and project management. Students also learn about output and user interface design, data design, systems architecture and implementation, and systems operation, support and security. Students will analyze and design information systems in a structured format using a contemporary systems development methodology.									
COB	MIS	<b>MIS</b>	<b>2800</b>	<b>Business Intelligence and Information Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2010 or MIS 2011									
				Provides an introduction to database terminology, design, development, the querying of databases, Business Intelligence and the management of information in order to solve complex business problems. Topics include the relational model, database normalization, basic and complex database design, implementing a SQL database, basic and advanced SQL queries and subqueries, business intelligence concepts, data mart and data warehouse technologies, data mining, the use of scorecards, dashboards and reports, and dimensions, key performance indicators(KPIs), and cubes.									
COB	MIS	<b>MIS</b>	<b>2900</b>	<b>Special Topics in Management Information Systems</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
COB	MIS	<b>MIS</b>	<b>2900</b>	<b>Special Topics in Management Information Systems</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
COB	MIS	<b>MIS</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1 to 2	6		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA									
				Internship experience that provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.									
COB	MIS	<b>MIS</b>	<b>3200</b>	<b>Systems Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800									
				Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.									
COB	MIS	<b>MIS</b>	<b>3201</b>	<b>Contemporary Business Programming - Transition</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 220 and WARNING: not MIS 400									
				Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.									
COB	MIS	<b>MIS</b>	<b>3800</b>	<b>Enterprise Systems Implementation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800									
				Provides students with a fundamental understanding of Enterprise Systems (ERP, SCM, CRM), focusing on their strategic and operational importance, implementation issues, and core functionality.									
COB	MIS	<b>MIS</b>	<b>3910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 2.5 GPA									
				Internship experience that provides opportunities to learn by participating in day-to-day activities of a business concern for at least four consecutive weeks. Intended for experience following the sophomore year.									
COB	MIS	<b>MIS</b>	<b>4200</b>	<b>Information System Consulting Project</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2020 and 3200									
				Provides a refresher on system development techniques before providing students with experience working on an information system consulting/development project using live clients.									
COB	MIS	<b>MIS</b>	<b>4550</b>	<b>Distributed Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800									
				This class examines organizationwide networking problems and solutions. The focus will be on security, attack surfaces, forensics, auditing, and data handling. The advantages and disadvantages of various network designs and implementations will be explored.									
COB	MIS	<b>MIS</b>	<b>4550</b>	<b>Distributed Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800									
				This class examines organizationwide networking problems and solutions. The focus will be on security, attack surfaces, forensics, auditing, and data handling. The advantages and disadvantages of various network designs and implementations will be explored.									
COB	MIS	<b>MIS</b>	<b>4560</b>	<b>Collaboration Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800									
				Designed to explore the various collaboration technologies being utilized by companies of all sizes and in all industries, across the globe. These technologies are being utilized in a variety of different ways, such as: 1. to increase worker efficiency; 2. to increase the success rate of project teams; and 3. to better manage knowledge across the enterprise. Some of the key terms and technologies discussed will be the use of Social Software in Workpalce, Enterprise Portals, Enterprise Content Management, and Enterprise Search. Specifically, also provides students with the opportunity to gain knowledge and hands-on skills to design and deploy Collaborative Technologies.									

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COB	MIS	<b>MIS</b>	<b>4560</b>	<b>Collaboration Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800 Designed to explore the various collaboration technologies being utilized by companies of all sizes and in all industries, across the globe. These technologies are being utilized in a variety of different ways, such as: 1. to increase worker efficiency; 2. to increase the success rate of project teams; and 3. to better manage knowledge across the enterprise. Some of the key terms and technologies discussed will be the use of Social Software in Workpalce, Enterprise Portals, Enterprise Content Management, and Enterprise Search. Specifically, also provides students with the opportunity to gain knowledge and hands-on skills to design and deploy Collaborative Technologies.									
COB	MIS	<b>MIS</b>	<b>4580</b>	<b>Advanced Business Intelligence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2800 Builds on the concepts learned in MIS 2800. There is no such thing as "big data", just "all data", Integration, manipulation, and processing of complex structured and unstructured data create barriers for businesses looking to gain insight from their data. We will work with the data modeling, processing, and computation techniques to remove these barriers. Utilizing software commonly used to process "all data," students will understand how to address the volume, velocity, and variety of data that businesses face to today.									
COB	MIS	<b>MIS</b>	<b>4800</b>	<b>MIS Capstone</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MIS 2020 and 3200 and 3800 and Sr only This capstone seminar is designed to accomplish three primary goals: 1) build deep business information system analysis and design skills in the context of 'The Big Three' (Enterprise Systems, Business Intelligence Systems and Collaboration Systems), 2) expand Information Systems knowledge base and understanding through intensive discussion and activities, 3) increase career readiness and networking skills.									
COB	MIS	<b>MIS</b>	<b>4900</b>	<b>Special Topics</b>	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MIS 2200 and 2800 Special topics of current interest in the management information systems area.									
COB	MIS	<b>MIS</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required Management Information Systems related internship									
COB	MIS	<b>MIS</b>	<b>4920</b>	<b>Lab Assistant Seminar</b>	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Students assist instructors with advising of students in lab classes. Assistants must receive an A in the lab class to be eligible to serve as an assistant. One hour of credit is given for three hours of assistant work.									
COB	MIS	<b>MIS</b>	<b>4935</b>	<b>Readings in MIS</b>	IND	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Directed readings in Management Information Systems									
COB	MIS	<b>MIS</b>	<b>4935</b>	<b>Readings in MIS</b>	IND	IS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Directed readings in Management Information Systems									
COB	MIS	<b>MIS</b>	<b>4940</b>	<b>Independent Research</b>	RSC	RS	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Research in selected fields in management information systems under the direction of a faculty member. Student must submit a proposal and have it accepted by a faculty member before receiving permission to enroll.									
COB	MIS	<b>MIS</b>	<b>4970H</b>	<b>Honors Thesis</b>	TUT	TU	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required of director of honors studies Honors thesis work.									
COB	MIS	<b>MIS</b>	<b>5900</b>	<b>Special Topics</b>	LEC	EL	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Special topics of current interest in the management information systems area.									
COB	MIS	<b>MIS</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Special topics of current interest in the management information systems area.									
COB	MIS	<b>MIS</b>	<b>6900</b>	<b>Special Topics in MIS</b>	LEC	EL	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Graduate seminar in current Management Information Systems topcis.									
COB	MIS	<b>MIS</b>	<b>6900</b>	<b>Special Topics in MIS</b>	LEC	LE	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Graduate seminar in current Management Information Systems topcis.									
COB	MIS	<b>MIS</b>	<b>6910</b>	<b>Internship in MIS</b>	FLD	FE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required Internship in Management Information Systems.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MIS	<b>MIS</b>	<b>6935</b>	<b>Readings in MIS</b>	IND	IS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Directed readings in Management Information Systems.									
COB	MIS	<b>MIS</b>	<b>6940</b>	<b>Independent Research</b>	RSC	RS	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Research under direction of faculty member.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	<b>MKT</b>	<b>2020</b>	<b>Marketing Principles</b>	LEC	EL	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Not COB except BS 8123 and WARNING: No credit for this course if taken after the following: MKT 2400							
		COURSE DESC:		Provides a broad understanding of marketing activities, decisions, and terms with an emphasis on the practices and problems of marketing managers and the analysis of the marketing environment.									
COB	MKT	<b>MKT</b>	<b>2020</b>	<b>Marketing Principles</b>	LEC	LE	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Not COB except BS 8123 and WARNING: No credit for this course if taken after the following: MKT 2400							
		COURSE DESC:		Provides a broad understanding of marketing activities, decisions, and terms with an emphasis on the practices and problems of marketing managers and the analysis of the marketing environment.									
COB	MKT	<b>MKT</b>	<b>2400</b>	<b>Introduction to Marketing Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COB							
		COURSE DESC:		Provides an introductory coverage of topics in marketing. Offers an early focus on the elements of the marketing mix to assist students when they take the integrated cluster. Also includes specific assignments designed to enhance COB majors' understanding of marketing activities and strategies.									
COB	MKT	<b>MKT</b>	<b>2900</b>	<b>Special Topics in Marketing</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MKT	<b>MKT</b>	<b>2900</b>	<b>Special Topics in Marketing</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
COB	MKT	<b>MKT</b>	<b>2971T</b>	<b>HTC Marketing Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		HTC tutorial in Marketing									
COB	MKT	<b>MKT</b>	<b>2981T</b>	<b>HTC Marketing Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		HTC tutorial in Marketing									
COB	MKT	<b>MKT</b>	<b>3020</b>	<b>Consumer Marketing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		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>3020</b>	<b>Consumer Marketing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		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>3580</b>	<b>Foundations of Professional Sales</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		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>3790</b>	<b>Marketing Research</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(MKT 2020 or 2400) and (QBA 1720 or 2010 or MATH 2500)							
		COURSE DESC:		Provides an introduction to the field of marketing research for effective decision-making. Students will learn techniques involved in collection, tabulation, and analysis of marketing information.									
COB	MKT	<b>MKT</b>	<b>3910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, 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>3919</b>	<b>Internship</b>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, 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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		HTC Marketing tutorial									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	<b>MKT</b>	<b>3980T</b>	<b>HTC Marketing Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		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>4040</b>	<b>Logistics and Supply Chain Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		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>4200</b>	<b>Services Marketing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4300</b>	<b>Digital Marketing and Sales Strategies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		COURSE DESC:		Focuses on understanding the major issues facing international/global marketing managers today through the application of marketing principles in the international/global business environment.									
COB	MKT	<b>MKT</b>	<b>4440</b>	<b>Consumer Behavior</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4500</b>	<b>Management of Promotion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		COURSE DESC:		Teaches students how companies can retain their current customers and develop long-term profitable relationships with them.									
COB	MKT	<b>MKT</b>	<b>4550</b>	<b>Achieving Customer Satisfaction and Service Excellence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2020 or 2400							
		COURSE DESC:		Teaches students how companies can retain their current customers and develop long-term profitable relationships with them.									
COB	MKT	<b>MKT</b>	<b>4580</b>	<b>Sales Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 3580							
		COURSE DESC:		Principles and practices in planning, organizing, and controlling sales force. Selection, training, compensating, supervising, and stimulating salespeople. Analysis of sales potentials and costs.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	MKT	<b>MKT</b>	<b>4630</b>	<b>Marketing Strategy</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	15 Hours in MKT							
		COURSE DESC:		Capstone course focuses on the integration of marketing knowledge accumulated as a marketing major. Includes situation analysis and development of strategic marketing plans. Consideration is given to the complex dynamic environment in which all marketing activities take place.									
COB	MKT	<b>MKT</b>	<b>4630</b>	<b>Marketing Strategy</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	15 Hours in MKT							
		COURSE DESC:		Capstone course focuses on the integration of marketing knowledge accumulated as a marketing major. Includes situation analysis and development of strategic marketing plans. Consideration is given to the complex dynamic environment in which all marketing activities take place.									
COB	MKT	<b>MKT</b>	<b>4680</b>	<b>Consultative Sales</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required and MKT 3580							
		COURSE DESC:		Sales capstone course for college seniors focused on selling as a career. Students will learn how to successfully match the selling process with a decision maker's buying process.									
COB	MKT	<b>MKT</b>	<b>4680</b>	<b>Consultative Sales</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required and MKT 3580							
		COURSE DESC:		Sales capstone course for college seniors focused on selling as a career. Students will learn how to successfully match the selling process with a decision maker's buying process.									
COB	MKT	<b>MKT</b>	<b>4700</b>	<b>Marketplace Analytics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 2400 and MIS 4580 and QBA 4720							
		COURSE DESC:		Course provides opportunities to understand the use of data and analytics tools, processes, and techniques for the purposes of generating knowledge, developing business intelligence, and improving managerial decision-making within the context of factors associated with the marketplace.									
COB	MKT	<b>MKT</b>	<b>4780</b>	<b>Sales Strategy &amp; Technology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 3580							
		COURSE DESC:		Explores the strategy and science of selling. Students learn how to analyze their customers' needs, how to develop their selling opportunities, what customers want today from professional salespeople and how to use sales technology.									
COB	MKT	<b>MKT</b>	<b>4780</b>	<b>Sales Strategy &amp; Technology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 3580							
		COURSE DESC:		Explores the strategy and science of selling. Students learn how to analyze their customers' needs, how to develop their selling opportunities, what customers want today from professional salespeople and how to use sales technology.									
COB	MKT	<b>MKT</b>	<b>4880</b>	<b>Global Sales</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MKT 3580							
		COURSE DESC:		This course incorporates an analysis of the sales function across national borders. The impact of strategic, economic, political, legal, and cultural factors on sales activities, factors that influence the globalization of selling, and the impact of cultural differences on global selling and buying will be discussed. Upon successful completion of this course students will develop the knowledge of global sales, including the structures of multinational markets, global business intelligence process, principles and strategies of cross-cultural sales negotiations, and customer relationship management process in a global market.									
COB	MKT	<b>MKT</b>	<b>4900</b>	<b>Special Topics in Marketing</b>	SEM	EL	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected topics of current interest in marketing area.									
COB	MKT	<b>MKT</b>	<b>4900</b>	<b>Special Topics in Marketing</b>	SEM	SE	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected topics of current interest in marketing area.									
COB	MKT	<b>MKT</b>	<b>4910</b>	<b>Sales Internship</b>	FLD	FE	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Sales Internship									
COB	MKT	<b>MKT</b>	<b>4919</b>	<b>Marketing Internship</b>	FLD	FE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Marketing internship									
COB	MKT	<b>MKT</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings in selected fields of marketing. Topics selected by student in consultation with faculty member.									
COB	MKT	<b>MKT</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings in selected fields of marketing. Topics selected by student in consultation with faculty member.									



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COB	MKT	<b>MKT</b>	<b>4940</b>	<b>Independent Research</b>	RSC	RS	1 to 3	15		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		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>	SEM	EL	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Graduate seminar in marketing									
COB	MKT	<b>MKT</b>	<b>5900</b>	<b>Special Topics in Marketing</b>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Graduate seminar in marketing									
COB	MKT	<b>MKT</b>	<b>6900</b>	<b>Special Topics in Marketing</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Methodology, data analysis, and preparation of research findings.									
COB	MKT	<b>MKT</b>	<b>6900</b>	<b>Special Topics in Marketing</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Methodology, data analysis, and preparation of research findings.									
COB	MKT	<b>MKT</b>	<b>6910</b>	<b>Internship</b>	FLD	FE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Marketing internship									
COB	MKT	<b>MKT</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings on topics selected in consultation with faculty member.									
COB	MKT	<b>MKT</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	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>	RSC	RS	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Research under direction of faculty member.									

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COB	SA	<b>SASM</b>	<b>1010</b>	<b>Introduction to Sport Management</b>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduction to the multiple facets of the sport industry. The knowledge gained in this course will provide a foundation for the future study of the industry.									
COB	SA	<b>SASM</b>	<b>1010</b>	<b>Introduction to Sport Management</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduction to the multiple facets of the sport industry. The knowledge gained in this course will provide a foundation for the future study of the industry.									
COB	SA	<b>SASM</b>	<b>2250</b>	<b>History of the Sport Industry</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in SASM 1010						
		COURSE DESC:		Examines the origin and development of the sport industry in America from the 19th century to the present.									
COB	SA	<b>SASM</b>	<b>2250</b>	<b>History of the Sport Industry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in SASM 1010						
		COURSE DESC:		Examines the origin and development of the sport industry in America from the 19th century to the present.									
COB	SA	<b>SASM</b>	<b>2900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>2900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>2920</b>	<b>Practicum in Sport Management</b>	PRA	PR	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Field experiences designed to place students in a professional sport management setting related to their career goals.									
COB	SA	<b>SASM</b>	<b>3010</b>	<b>Sport Marketing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MKT 2020 and SASM 2250						
		COURSE DESC:		Introduces basic sport marketing concepts with application to amateur and professional sport organizations. Topics include promotions and public relations, sport consumer behavior, strategic marketing planning, marketing information management, and marketing communication.									
COB	SA	<b>SASM</b>	<b>3010</b>	<b>Sport Marketing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MKT 2020 and SASM 2250						
		COURSE DESC:		Introduces basic sport marketing concepts with application to amateur and professional sport organizations. Topics include promotions and public relations, sport consumer behavior, strategic marketing planning, marketing information management, and marketing communication.									
COB	SA	<b>SASM</b>	<b>3120</b>	<b>Sports Governance and Ethics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sports management major and (Jr or Sr)						
		COURSE DESC:		This course focuses on governance structures in sport (e.g., professional, collegiate, youth, and Olympic), policy issues (e.g., hiring policies, eligibility issues, rules compliance), as well as sportsmanship and ethical decision-making.									
COB	SA	<b>SASM</b>	<b>3220</b>	<b>Leadership and Sport Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BA 1000 and FIN 2400 and MGT 2100 and MIS 2020 and and MKT 2400 and SASM 2250						
		COURSE DESC:		Focuses upon the leadership, legal, and governance elements of sport organizations including leadership theory, ethical decision-making, and governance processes and practices.									
COB	SA	<b>SASM</b>	<b>3220</b>	<b>Leadership and Sport Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BA 1000 and FIN 2400 and MGT 2100 and MIS 2020 and and MKT 2400 and SASM 2250						
		COURSE DESC:		Focuses upon the leadership, legal, and governance elements of sport organizations including leadership theory, ethical decision-making, and governance processes and practices.									
COB	SA	<b>SASM</b>	<b>3400</b>	<b>Intercollegiate Athletics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		Focus is on critically analyzing the role of intercollegiate athletics in higher education. Particular focus and discussion centers on the prevailing contemporary issues in intercollegiate athletics including financial trends, legislation, conference alignment, reform, gender equity, graduation rates, gambling, violence, and diversity issues in coaching and management hiring.									
COB	SA	<b>SASM</b>	<b>3400</b>	<b>Intercollegiate Athletics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		Focus is on critically analyzing the role of intercollegiate athletics in higher education. Particular focus and discussion centers on the prevailing contemporary issues in intercollegiate athletics including financial trends, legislation, conference alignment, reform, gender equity, graduation rates, gambling, violence, and diversity issues in coaching and management hiring.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>3500</b>	<b>External Relations in Sports</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		External Relations in Sports focuses on the job skills and competency areas needed by the industry's communication, media relations, community relations, and development professionals. The common threads of external relations are information management and relationship building. This class will synthesize public relations, media relations, and building brand equity in the sport context with attention to differentiating special procedures required in handling student-athlete information in intercollegiate athletics.									
COB	SA	<b>SASM</b>	<b>3500</b>	<b>External Relations in Sports</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		External Relations in Sports focuses on the job skills and competency areas needed by the industry's communication, media relations, community relations, and development professionals. The common threads of external relations are information management and relationship building. This class will synthesize public relations, media relations, and building brand equity in the sport context with attention to differentiating special procedures required in handling student-athlete information in intercollegiate athletics.									
COB	SA	<b>SASM</b>	<b>3760</b>	<b>Sport Facility and Event Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BA 1000 and SASM 2250						
		COURSE DESC:		Applies the functions of management to the development, operations, and financing of sport facilities. Facilities examined include public and private arenas, stadiums, ballparks, and multi-use venues. Provides the foundations for event bidding and management as well as covering risk management, safety, and emergency planning in sport.									
COB	SA	<b>SASM</b>	<b>3760</b>	<b>Sport Facility and Event Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BA 1000 and SASM 2250						
		COURSE DESC:		Applies the functions of management to the development, operations, and financing of sport facilities. Facilities examined include public and private arenas, stadiums, ballparks, and multi-use venues. Provides the foundations for event bidding and management as well as covering risk management, safety, and emergency planning in sport.									
COB	SA	<b>SASM</b>	<b>4000</b>	<b>Diversity and Sport</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and (Jr or Sr)						
		COURSE DESC:		Examines the role of sport in the lives of women, minorities, people with disabilities, and gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	<b>SASM</b>	<b>4000</b>	<b>Diversity and Sport</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and (Jr or Sr)						
		COURSE DESC:		Examines the role of sport in the lives of women, minorities, people with disabilities, and gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	<b>SASM</b>	<b>4110</b>	<b>International Sport Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		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>4110</b>	<b>International Sport Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 1010 and (Jr or Sr)						
		COURSE DESC:		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>4180</b>	<b>Economics of Sport</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1000 or (1030 and 1040)						
		COURSE DESC:		Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	<b>SASM</b>	<b>4180</b>	<b>Economics of Sport</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ECON 1000 or (1030 and 1040)						
		COURSE DESC:		Designed to examine major economic issues in the sport industry and introduce the methodology of economics that can be used to analyze these issues.									
COB	SA	<b>SASM</b>	<b>4250</b>	<b>Financial Issues in Sport</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 3120 and (ECON 1000 or (1030 and 1040)) and (FIN 2020 or 2400)						
		COURSE DESC:		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>4250</b>	<b>Financial Issues in Sport</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 3120 and (ECON 1000 or (1030 and 1040)) and (FIN 2020 or 2400)						
		COURSE DESC:		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>4350</b>	<b>Sport Promotion and Sales Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 3010 and 3120						
		COURSE DESC:		Provides an overview of the elements of sport promotion and sales. Content includes rationale and benefits of promotion and sales, sponsorship proposals, licensing programs, solicitation of sponsors, and an introduction to the ticket sales process.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>4350</b>	<b>Sport Promotion and Sales Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 3010 and 3120						
		COURSE DESC:		Provides an overview of the elements of sport promotion and sales. Content includes rationale and benefits of promotion and sales, sponsorship proposals, licensing programs, solicitation of sponsors, and an introduction to the ticket sales process.									
COB	SA	<b>SASM</b>	<b>4400</b>	<b>Sport Ticket Sales and Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and MKT 2400 and MGT 2100 and FIN 2400 and MIS 2020 and QBA 2010						
		COURSE DESC:		Introduces students to ticket operations by studying policy development and implementation, customer service, problem solving, ticket technology, will call, seat improvements and relocations, ticket transfers, the processes of ticket, group, and sponsorship sales.									
COB	SA	<b>SASM</b>	<b>4400</b>	<b>Sport Ticket Sales and Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and MKT 2400 and MGT 2100 and FIN 2400 and MIS 2020 and QBA 2010						
		COURSE DESC:		Introduces students to ticket operations by studying policy development and implementation, customer service, problem solving, ticket technology, will call, seat improvements and relocations, ticket transfers, the processes of ticket, group, and sponsorship sales.									
COB	SA	<b>SASM</b>	<b>4450</b>	<b>Marketing and Revenue Streams in Sport Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and FIN 2400 and MGT 2100 MIS 2020 and MKT 2400 and QBA 2010						
		COURSE DESC:		Examines advanced sport marketing concepts with application to amateur and professional sport organizations in relation to sources of revenue and revenue management. Topics covered in the course include promotions and external relations, sport consumer behavior, strategic marketing planning and analysis, marketing information management, marketing communication strategies, and sponsorship cultivation and activation.									
COB	SA	<b>SASM</b>	<b>4450</b>	<b>Marketing and Revenue Streams in Sport Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SASM 2250 and FIN 2400 and MGT 2100 MIS 2020 and MKT 2400 and QBA 2010						
		COURSE DESC:		Examines advanced sport marketing concepts with application to amateur and professional sport organizations in relation to sources of revenue and revenue management. Topics covered in the course include promotions and external relations, sport consumer behavior, strategic marketing planning and analysis, marketing information management, marketing communication strategies, and sponsorship cultivation and activation.									
COB	SA	<b>SASM</b>	<b>4500</b>	<b>Senior Seminar in Sport Management</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sport management major and Sr only						
		COURSE DESC:		Will allow the student to apply the principles and concepts of sport management and develop and demonstrate critical planning and organizational skills required of sport managers.									
COB	SA	<b>SASM</b>	<b>4500</b>	<b>Senior Seminar in Sport Management</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sport management major and Sr only						
		COURSE DESC:		Will allow the student to apply the principles and concepts of sport management and develop and demonstrate critical planning and organizational skills required of sport managers.									
COB	SA	<b>SASM</b>	<b>4900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>4900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>4910</b>	<b>Internship in Sport Management</b>	FLD	FE	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required and sports management major and (Jr or Sr)						
		COURSE DESC:		Internship of at least 348 hours with an approved sport-related organization.									
COB	SA	<b>SASM</b>	<b>5000</b>	<b>Diversity and Sport</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examines the role of sport in the lives of women, minorities, people with disabilities, gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	<b>SASM</b>	<b>5000</b>	<b>Diversity and Sport</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examines the role of sport in the lives of women, minorities, people with disabilities, gay, lesbian, bi-sexual, and transgender individuals, and reflects on the special structures and attitudes of sport for these populations.									
COB	SA	<b>SASM</b>	<b>5110</b>	<b>International Sport Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides relevant theoretical and practical insights from which a student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>5110</b>	<b>International Sport Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Provides relevant theoretical and practical insights from which a student can develop a broader awareness and perspective in understanding international sport organizations and business and the practice of business as it intersects with the practice of international sport.									
COB	SA	<b>SASM</b>	<b>5180</b>	<b>Economics of Sport</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5180</b>	<b>Economics of Sport</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>5900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COB	SA	<b>SASM</b>	<b>6040</b>	<b>Administration of Interscholastic Athletic Programs</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program 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>6040</b>	<b>Administration of Interscholastic Athletic Programs</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Introduction to intercollegiate/interscholastic athletic administration. Responsibilities of athletic director, business manager, sports information director, athletic trainer, ticket manager; facility construction and management, security, crowd control; and facility utilization are presented and analyzed.									
COB	SA	<b>SASM</b>	<b>6100</b>	<b>Athletic Administration Seminar</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Introduction to intercollegiate/interscholastic athletic administration. Responsibilities of athletic director, business manager, sports information director, athletic trainer, ticket manager; facility construction and management, security, crowd control; and facility utilization are presented and analyzed.									
COB	SA	<b>SASM</b>	<b>6110</b>	<b>Foundations of Sport Business</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors Focuses on the multi-billion dollar sports industry and the challenges faced by today's sports business leaders. The course will cover a wide range of the industry, including but not limited to, professional, Olympic and collegiate sports, and will focus on the major issues that impact each of these broad categories. The course will provide students with insight into the disciplines of management, marketing, research, finance, technology, accounting, ethics and law.									
COB	SA	<b>SASM</b>	<b>6110</b>	<b>Foundations of Sport Business</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors Focuses on the multi-billion dollar sports industry and the challenges faced by today's sports business leaders. The course will cover a wide range of the industry, including but not limited to, professional, Olympic and collegiate sports, and will focus on the major issues that impact each of these broad categories. The course will provide students with insight into the disciplines of management, marketing, research, finance, technology, accounting, ethics and law.									
COB	SA	<b>SASM</b>	<b>6120</b>	<b>Applied Information Technology in Sports Administration</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program and Warning: not PESS 612 Theoretical and practical knowledge of the application of sport-specific information technology involving digital video, databases, Web design and graphic design.									
COB	SA	<b>SASM</b>	<b>6120</b>	<b>Applied Information Technology in Sports Administration</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program and Warning: not PESS 612 Theoretical and practical knowledge of the application of sport-specific information technology involving digital video, databases, Web design and graphic design.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>6260</b>	<b>Sport Governance and Policy Development</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Develop an understanding of the governance structure of sport organizations nationally and internationally. Focus on functions, roles, key issues, strategic planning, decision making, and policy development.									
COB	SA	<b>SASM</b>	<b>6260</b>	<b>Sport Governance and Policy Development</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Develop an understanding of the governance structure of sport organizations nationally and internationally. Focus on functions, roles, key issues, strategic planning, decision making, and policy development.									
COB	SA	<b>SASM</b>	<b>6280</b>	<b>Legal Foundations of Risk Management in Athletics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Will provide students with an understanding of the legal foundations of risk management as these affect operations of athletic administration. Specific attention will be given to fundamentals of risk management, negligence law, and liability law.									
COB	SA	<b>SASM</b>	<b>6280</b>	<b>Legal Foundations of Risk Management in Athletics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Will provide students with an understanding of the legal foundations of risk management as these affect operations of athletic administration. Specific attention will be given to fundamentals of risk management, negligence law, and liability law.									
COB	SA	<b>SASM</b>	<b>6350</b>	<b>Ticket Operations and Sales</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	<b>SASM</b>	<b>6350</b>	<b>Ticket Operations and Sales</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	<b>SASM</b>	<b>6350</b>	<b>Ticket Operations and Sales</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program This elective course is designed to prepare students to enter the sport industry in ticket operations, box office management, inside, group, and corporate ticket sales. The course will focus on planning, policy development, ticket sales, management and administration, and ticket software implementation. All students are required to plan and execute a group sales project to successfully complete the course.									
COB	SA	<b>SASM</b>	<b>6410</b>	<b>Sport and Development</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate Standing and student in a COB Graduate Sports Management Program The use of sports as an instrument of development in Africa and other developing countries has gained considerable popularity in the last ten years. Ex-child soldiers in Liberia, children in the slums of Nairobi, marginalized girls in deeply Islamic societies and disabled victims of polio are segments of African society where sport-in-development initiatives have been used in an attempt to empower marginalized groups and enhance general quality of life. Sports and development Non Governmental Organizations (NGOs) have come into vogue, much in the same way as the number of civic NGOs rapidly expanded in the 1990s with the push for "multipartism" on the African continent. Sport is often seen as a tool for nation or community building, and an instrument for peace around the world. While consi									
COB	SA	<b>SASM</b>	<b>6410</b>	<b>Sport and Development</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate Standing and student in a COB Graduate Sports Management Program The use of sports as an instrument of development in Africa and other developing countries has gained considerable popularity in the last ten years. Ex-child soldiers in Liberia, children in the slums of Nairobi, marginalized girls in deeply Islamic societies and disabled victims of polio are segments of African society where sport-in-development initiatives have been used in an attempt to empower marginalized groups and enhance general quality of life. Sports and development Non Governmental Organizations (NGOs) have come into vogue, much in the same way as the number of civic NGOs rapidly expanded in the 1990s with the push for "multipartism" on the African continent. Sport is often seen as a tool for nation or community building, and an instrument for peace around the world. While consi									
COB	SA	<b>SASM</b>	<b>6420</b>	<b>ETHICS IN SPORT</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Focuses on moral and ethical principles in sports administration. The purpose of the course is to help sports administrators develop and articulate a personal ethical philosophy, and practice ethical decision-making and social responsibility. Topics discussed include concepts of morality, ethical theories, social responsibility of sport organizations, codes of conduct, and professional codes of ethics.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>6420</b>	<b>ETHICS IN SPORT</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Focuses on moral and ethical principles in sports administration. The purpose of the course is to help sports administrators develop and articulate a personal ethical philosophy, and practice ethical decision-making and social responsibility. Topics discussed include concepts of morality, ethical theories, social responsibility of sport organizations, codes of conduct, and professional codes of ethics.									
COB	SA	<b>SASM</b>	<b>6470</b>	<b>Athletic Fund Raising</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Will introduce students to the concepts and application of fund-raising and development for the non-profit sector, focusing on educational and charitable organizations..									
COB	SA	<b>SASM</b>	<b>6470</b>	<b>Athletic Fund Raising</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Will introduce students to the concepts and application of fund-raising and development for the non-profit sector, focusing on educational and charitable organizations..									
COB	SA	<b>SASM</b>	<b>6480</b>	<b>Public Assembly Facility and Event Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Provides an examination of various aspects of managing public assembly facilities, including planning and production, booking and scheduling, contracts, promotion, ticketing, security, food and beverage, crowd management, event bidding, and event management.									
COB	SA	<b>SASM</b>	<b>6480</b>	<b>Public Assembly Facility and Event Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Provides an examination of various aspects of managing public assembly facilities, including planning and production, booking and scheduling, contracts, promotion, ticketing, security, food and beverage, crowd management, event bidding, and event management.									
COB	SA	<b>SASM</b>	<b>6550</b>	<b>Sport Marketing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Provides an introduction to the fundamental relationships that exist among sports organizations and their varied consumers. The primary focus of the course is on planning and implementing organizational strategies and programs to enhance relationships with consumers and consumer groups.									
COB	SA	<b>SASM</b>	<b>6550</b>	<b>Sport Marketing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Provides an introduction to the fundamental relationships that exist among sports organizations and their varied consumers. The primary focus of the course is on planning and implementing organizational strategies and programs to enhance relationships with consumers and consumer groups.									
COB	SA	<b>SASM</b>	<b>6570</b>	<b>Sponsorship in Sports</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program An analysis of the current factors and issues related to sports sponsorship, including sponsorship planning, sales and negotiations, and sponsorship proposals and evaluations. Students will prepare a comprehensive sponsorship plan for a sports or sports-related property.									
COB	SA	<b>SASM</b>	<b>6570</b>	<b>Sponsorship in Sports</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program An analysis of the current factors and issues related to sports sponsorship, including sponsorship planning, sales and negotiations, and sponsorship proposals and evaluations. Students will prepare a comprehensive sponsorship plan for a sports or sports-related property.									
COB	SA	<b>SASM</b>	<b>6580</b>	<b>Revenue Generation and Marketing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors This course focuses on the strategic role that sales and marketing has in generating revenue in sports business. Sports has become a multi-billion dollar global venture and is made up of many intricate relationships among consumers, sports teams, broadcast entities, multi-national corporations and others. Escalating revenues related to television rights, sponsorship, licensing and live gate receipts for professional and amateur sports have been widely publicized and documented. Similarly, costs associated with the generation of these revenue streams have increased significantly as well (especially payroll). With so much money at stake, sponsoring corporations are becoming increasingly involved at every level of sports business, including amateur and intercollegiate. As the growth in sports business stabilizes, it may become essential that competitors find ways to either generate additional revenues or reduce related expenses. From a competitive standpoint, generating additional revenue may be achieved through strategic analysis of the franchise, its customers, and the competitive environment. Similar to many other business industries, sports marketing managers may competitively generate revenue by identifying, understanding and analyzing revenue sources in their business area. 3 lec.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	SA	<b>SASM</b>	<b>6580</b>	<b>Revenue Generation and Marketing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors This course focuses on the strategic role that sales and marketing has in generating revenue in sports business. Sports has become a multi-billion dollar global venture and is made up of many intricate relationships among consumers, sports teams, broadcast entities, multi-national corporations and others. Escalating revenues related to television rights, sponsorship, licensing and live gate receipts for professional and amateur sports have been widely publicized and documented. Similarly, costs associated with the generation of these revenue streams have increased significantly as well (especially payroll). With so much money at stake, sponsoring corporations are becoming increasingly involved at every level of sports business, including amateur and intercollegiate. As the growth in sports business stabilizes, it may become essential that competitors find ways to either generate additional revenues or reduce related expenses. From a competitive standpoint, generating additional revenue may be achieved through strategic analysis of the franchise, its customers, and the competitive environment. Similar to many other business industries, sports marketing managers may competitively generate revenue by identifying, understanding and analyzing revenue sources in their business area. 3 lec.									
COB	SA	<b>SASM</b>	<b>6650</b>	<b>Governance in Intercollegiate Athletics</b>	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Introduction to structure, dynamics, and principles of governance for intercollegiate athletics. Focuses on institutions which are members of the National Collegiate Athletic Association (NCAA). However, discussion regarding other governing bodies may be included. Primary lecture, but guest speakers, videos, and other technology are used throughout the course.									
COB	SA	<b>SASM</b>	<b>6650</b>	<b>Governance in Intercollegiate Athletics</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Introduction to structure, dynamics, and principles of governance for intercollegiate athletics. Focuses on institutions which are members of the National Collegiate Athletic Association (NCAA). However, discussion regarding other governing bodies may be included. Primary lecture, but guest speakers, videos, and other technology are used throughout the course.									
COB	SA	<b>SASM</b>	<b>6670</b>	<b>Human Resource Management in Sport Organizations</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors Introduces participants to managing human resources in sport organizations. Participants will address managerial functions in sport organizations, such as communication, staffing, evaluation, training and development, compensation, and motivation.									
COB	SA	<b>SASM</b>	<b>6670</b>	<b>Human Resource Management in Sport Organizations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MBA or MSA majors Introduces participants to managing human resources in sport organizations. Participants will address managerial functions in sport organizations, such as communication, staffing, evaluation, training and development, compensation, and motivation.									
COB	SA	<b>SASM</b>	<b>6700</b>	<b>Financial Management for Sport and Recreation Programs and Facilities</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Will introduce students to issues and problems in finance and financial management as they apply to sport and recreation organizations. The primary focus of the course will be on planning and financial management.									
COB	SA	<b>SASM</b>	<b>6700</b>	<b>Financial Management for Sport and Recreation Programs and Facilities</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Will introduce students to issues and problems in finance and financial management as they apply to sport and recreation organizations. The primary focus of the course will be on planning and financial management.									
COB	SA	<b>SASM</b>	<b>6800</b>	<b>Research Methods in Sports Administration</b>	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Research and investigation in athletic administration. Topics and problems suitable for thesis writing; reviews of completed research, development of questionnaires, position papers, and evaluative instruments applicable in athletic administration.									
COB	SA	<b>SASM</b>	<b>6800</b>	<b>Research Methods in Sports Administration</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Research and investigation in athletic administration. Topics and problems suitable for thesis writing; reviews of completed research, development of questionnaires, position papers, and evaluative instruments applicable in athletic administration.									
COB	SA	<b>SASM</b>	<b>6880</b>	<b>Contemporary Issues in Sport Sciences</b>	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Selected issues in sport sciences are discussed. Course involves research, reading, analysis, and written reports.									
COB	SA	<b>SASM</b>	<b>6880</b>	<b>Contemporary Issues in Sport Sciences</b>	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Selected issues in sport sciences are discussed. Course involves research, reading, analysis, and written reports.									
COB	SA	<b>SASM</b>	<b>6900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate student in COB Sports Management Program Specific course content will vary with offering.									



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

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

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COM	<b>COMM</b>	<b>1000</b>	<b>Using Communication Tools</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		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>1000</b>	<b>Using Communication Tools</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		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>1200</b>	<b>Understanding Virtual Reality Technology</b>	LEC	LE	3	0	2AS	N			0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of technical applications and theories needed to comprehend and critically analyze virtual reality technologies, especially as they relate to the societal effects of human-computer interaction. Emphasis on health effects, social impact, and solutions for reducing adverse effects, practices, and procedures.									
COM	COM	<b>COMM</b>	<b>1900</b>	<b>Learning Community Seminar</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		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>2900</b>	<b>Special Topics in Communication</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	COM	<b>COMM</b>	<b>2900</b>	<b>Special Topics in Communication</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	COM	<b>COMM</b>	<b>3900</b>	<b>Special Topics in Communication</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Covers a variety of topics in communication. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in communication.									
COM	COM	<b>COMM</b>	<b>3900</b>	<b>Special Topics in Communication</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Covers a variety of topics in communication. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in communication.									
COM	COM	<b>COMM</b>	<b>4000</b>	<b>Applied Communication Capstone</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4000</b>	<b>Applied Communication Capstone</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>1010</b>	<b>Fundamentals of Human Communication</b> ELIGIBLE GRADES: A-F COURSE DESC: Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes. Mass lecture.	LEC	EL	3	0	2HL	N	U10		0
COM	COMS	<b>COMS</b>	<b>1010</b>	<b>Fundamentals of Human Communication</b> ELIGIBLE GRADES: A-F COURSE DESC: Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes. Mass lecture.	LEC	LE	3	0	2HL	N	U10		0
COM	COMS	<b>COMS</b>	<b>1020</b>	<b>Introduction to Undergraduate Communication Studies</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces undergraduate COMS students to their major and equips them to thrive in the program. Students will engage with full-time faculty in the school as they complete discussions and assignments related to navigating the requirements of their major and the discipline of which they are a part. This is a required course for COMS majors. Transfer students must take the course the semester they are admitted to COMS.	LEC	EL	1	0		N	U10		0
COM	COMS	<b>COMS</b>	<b>1020</b>	<b>Introduction to Undergraduate Communication Studies</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces undergraduate COMS students to their major and equips them to thrive in the program. Students will engage with full-time faculty in the school as they complete discussions and assignments related to navigating the requirements of their major and the discipline of which they are a part. This is a required course for COMS majors. Transfer students must take the course the semester they are admitted to COMS.	LEC	LE	1	0		N	U10		0
COM	COMS	<b>COMS</b>	<b>1030</b>	<b>Fundamentals of Public Speaking</b> ELIGIBLE GRADES: A-F COURSE DESC: Principles of public speaking, practice in presenting informative and persuasive speeches with emphasis on communicative process. Use of interpretive and rhetorical methods to understand meaning, context, culture, and language in the development of speeches.	LEC	EL	3	0	2HL	N	U10		0
COM	COMS	<b>COMS</b>	<b>1030</b>	<b>Fundamentals of Public Speaking</b> ELIGIBLE GRADES: A-F COURSE DESC: Principles of public speaking, practice in presenting informative and persuasive speeches with emphasis on communicative process. Use of interpretive and rhetorical methods to understand meaning, context, culture, and language in the development of speeches.	LEC	LE	3	0	2HL	N	U10		0
COM	COMS	<b>COMS</b>	<b>1100</b>	<b>Communication Among Cultures</b> ELIGIBLE GRADES: A-F COURSE DESC: The purpose of this course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. Students in this course will understand that culture includes not only issues of nationality, ethnicity, and race, but also gender, socioeconomic status, age, etc. Using a number of co-cultural, cross-cultural, and intercultural examples, students will explore how communication is a key component of bridging cultural differences.	LEC	EL	3	0	2CP	N	U30		75
COM	COMS	<b>COMS</b>	<b>1100</b>	<b>Communication Among Cultures</b> ELIGIBLE GRADES: A-F COURSE DESC: The purpose of this course is to explore the role of communication in understanding, accepting, and appreciating cultural differences. Students in this course will understand that culture includes not only issues of nationality, ethnicity, and race, but also gender, socioeconomic status, age, etc. Using a number of co-cultural, cross-cultural, and intercultural examples, students will explore how communication is a key component of bridging cultural differences.	LEC	LE	3	0	2CP	N	U30		75
COM	COMS	<b>COMS</b>	<b>1170</b>	<b>Beginning Forensics</b> ELIGIBLE GRADES: CR, F COURSE DESC: 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.	LEC	LE	1 to 3	6		I	U10		0
COM	COMS	<b>COMS</b>	<b>2020</b>	<b>Communication and Persuasion</b> ELIGIBLE GRADES: A-F COURSE DESC: Process of communication and attitude change, survey of general theories and typical research, and analysis of contemporary persuasion problems.	LEC	EL	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>2020</b>	<b>Communication and Persuasion</b> ELIGIBLE GRADES: A-F COURSE DESC: Process of communication and attitude change, survey of general theories and typical research, and analysis of contemporary persuasion problems.	LEC	LE	3	0		N	U30		0

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>2040</b>	<b>Principles and Techniques of Interviewing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2040</b>	<b>Principles and Techniques of Interviewing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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>2150</b>	<b>Argumentative Analysis and Advocacy</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		CR, 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Techniques of oral interpretation and development of adequate intellectual and emotional responsiveness to the meanings of literature.									
COM	COMS	<b>COMS</b>	<b>2350</b>	<b>Introduction to Communication Theory</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COMS major and (Soph or Jr or Sr) To identify the purposes, history, and application of key social and rhetorical theories of communication through reading and discussing classic works of communication theory. To understand issues of epistemology, ontology, and axiology when discussing the goals and methods related to relevant theories.									
COM	COMS	<b>COMS</b>	<b>2350</b>	<b>Introduction to Communication Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COMS major and (Soph or Jr or Sr) To identify the purposes, history, and application of key social and rhetorical theories of communication through reading and discussing classic works of communication theory. To understand issues of epistemology, ontology, and axiology when discussing the goals and methods related to relevant theories.									
COM	COMS	<b>COMS</b>	<b>2400</b>	<b>Information Diffusion</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr This course provides an understanding of information diffusion theory, which seeks to explain the process through which new ideas (innovations) spread over time via communication channels among the members of a social system. It especially emphasizes the relevance, practicality, and usefulness of diffusion theory in interpersonal, group, organizational, and mass communication settings, with an emphasis in areas of public education, health, and policy. The course focuses on factors that speed or hinder innovations and the critical points of interface between information dissemination systems and end users.									
COM	COMS	<b>COMS</b>	<b>2400</b>	<b>Information Diffusion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr This course provides an understanding of information diffusion theory, which seeks to explain the process through which new ideas (innovations) spread over time via communication channels among the members of a social system. It especially emphasizes the relevance, practicality, and usefulness of diffusion theory in interpersonal, group, organizational, and mass communication settings, with an emphasis in areas of public education, health, and policy. The course focuses on factors that speed or hinder innovations and the critical points of interface between information dissemination systems and end users.									
COM	COMS	<b>COMS</b>	<b>2900</b>	<b>Special Topics in Communication Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>2900</b>	<b>Special Topics in Communication Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
COM	COMS	<b>COMS</b>	<b>2970T</b>	<b>Communication Studies Tutorial</b>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				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>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				In-depth study of a topic in Communication Studies.									
COM	COMS	<b>COMS</b>	<b>2980T</b>	<b>Communication Studies Tutorial</b>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				In-depth study of a topic in Communication Studies.									
COM	COMS	<b>COMS</b>	<b>2981T</b>	<b>Communication Studies Tutorial</b>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC									
				In-depth study of a topic in Communication Studies.									
COM	COMS	<b>COMS</b>	<b>3060</b>	<b>Interpersonal Conflict Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Analysis of the communication dynamics involved in managing interpersonal and organizational conflicts. Examination of theory and research related to conflict management. Emphasis on case studies and role-playing conflicts in various interpersonal and group settings.									
COM	COMS	<b>COMS</b>	<b>3060</b>	<b>Interpersonal Conflict Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Analysis of the communication dynamics involved in managing interpersonal and organizational conflicts. Examination of theory and research related to conflict management. Emphasis on case studies and role-playing conflicts in various interpersonal and group settings.									
COM	COMS	<b>COMS</b>	<b>3200</b>	<b>Communication and New Technology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Jr or Sr) and WARNING: No credit for this course if COMS 480 was taken winter 2012									
				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>3200</b>	<b>Communication and New Technology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Jr or Sr) and WARNING: No credit for this course if COMS 480 was taken winter 2012									
				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>3300</b>	<b>Environmental Communication</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Introduces students to theories and concepts in environmental communication. Students engage in a theoretical and applied exploration of a wide range of voices (e.g., Citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) and a variety of environmental issues (e.g., climate change, water and air quality, genetic engineering and nanotechnology, mountaintop removal, logging, endangered species and extinction). Topics might include the social construction of nature; human relationships with nature through discourse, rhetoric, and communication practices; critical and cultural approaches to environmental discourse; communication about environmental issues in organizational, mass media, political, and international contexts; communication around environmental controversies; stakeholder dialogue and conflict; public understanding of environmental issues; public participation in environmental decision-making; environmental risk communication; environmental campaigns; and environmental advocacy, deliberation, and public relations. Main aim is to engender understanding of how communication constructs nature, threats to the natural environment, disputes about threats, and ways of living in the natural world.									
COM	COMS	<b>COMS</b>	<b>3300</b>	<b>Environmental Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr									
				Introduces students to theories and concepts in environmental communication. Students engage in a theoretical and applied exploration of a wide range of voices (e.g., Citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) and a variety of environmental issues (e.g., climate change, water and air quality, genetic engineering and nanotechnology, mountaintop removal, logging, endangered species and extinction). Topics might include the social construction of nature; human relationships with nature through discourse, rhetoric, and communication practices; critical and cultural approaches to environmental discourse; communication about environmental issues in organizational, mass media, political, and international contexts; communication around environmental controversies; stakeholder dialogue and conflict; public understanding of environmental issues; public participation in environmental decision-making; environmental risk communication; environmental campaigns; and environmental advocacy, deliberation, and public relations. Main aim is to engender understanding of how communication constructs nature, threats to the natural environment, disputes about threats, and ways of living in the natural world.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>3400</b>	<b>Introduction to Health Communication</b>	LEC	EL	3	0	1JE	N	U30		0
				ELIGIBLE GRADES: 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>3400</b>	<b>Introduction to Health Communication</b>	LEC	LE	3	0	1JE	N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0	1JE	N	U30		0
				ELIGIBLE GRADES: A-F	REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr								
				COURSE DESC:	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, communication audit, etc.								
				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>3500</b>	<b>Introduction to Organizational Communication</b>	LEC	LE	3	0	1JE	N	U30		0
				ELIGIBLE GRADES: A-F	REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr								
				COURSE DESC:	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, communication audit, etc.								
				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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>3501</b>	<b>Advanced Organizational Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COMS 3500 This course builds upon, and extends, the conceptual foundations of organizational communication through analysis and critical examination of case studies. Students will read, discuss, and write about advances in contemporary organizational communication thought, practices, and research orientations.									
COM	COMS	<b>COMS</b>	<b>3520</b>	<b>Empirical Research Applications in Communication</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MATH 2500 or PSY 2110 or QBA 2010 or LET 3555 Provides principles and basic skills necessary to critically analyze research literature; develop basic proficiencies in structuring designs basic to descriptive and experimental studies, including data collection, analysis, and presentation techniques in communication research.									
COM	COMS	<b>COMS</b>	<b>3520</b>	<b>Empirical Research Applications in Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MATH 2500 or PSY 2110 or QBA 2010 or LET 3555 Provides principles and basic skills necessary to critically analyze research literature; develop basic proficiencies in structuring designs basic to descriptive and experimental studies, including data collection, analysis, and presentation techniques in communication research.									
COM	COMS	<b>COMS</b>	<b>3600</b>	<b>Introduction to Communication in Public Advocacy</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr 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 divers 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>3600</b>	<b>Introduction to Communication in Public Advocacy</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (C or better in COMS 2350) and (ENG 1510 or 151A) and Soph or Jr or Sr 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 divers 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>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>3601</b>	<b>Courtroom Rhetoric</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Rhetorical techniques found in political discourse are examined. Topics covered include symbolic politics, the place of myth in politics, and the political elements of film, literature, and television.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>3602</b>	<b>Political Rhetoric</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	LE	3	0	2SS	N	U30		0
COM	COMS	<b>COMS</b>	<b>3603</b>	<b>Contemporary Culture and Rhetoric</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	EL	3	0	2SS	N	U30		0
COM	COMS	<b>COMS</b>	<b>3603</b>	<b>Contemporary Culture and Rhetoric</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	LE	3	0	2SS	N	U30		0
COM	COMS	<b>COMS</b>	<b>3610</b>	<b>Advanced Argument and Debate</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced argumentation and debate course with legal issues used as basis for arguments. REQUISITE: C or better in COMS 2150 and (Jr or Sr)	LEC	EL	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>3610</b>	<b>Advanced Argument and Debate</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced argumentation and debate course with legal issues used as basis for arguments. REQUISITE: C or better in COMS 2150 and (Jr or Sr)	LEC	LE	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>3620</b>	<b>Rhetorical Inquiry and Criticism</b> ELIGIBLE GRADES: A-F COURSE DESC: Studies the approaches and methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts. REQUISITE: Jr or Sr	LEC	EL	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>3620</b>	<b>Rhetorical Inquiry and Criticism</b> ELIGIBLE GRADES: A-F COURSE DESC: Studies the approaches and methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>3920</b>	<b>Practicum in Communication Education</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Permission required and (COMS 1010 or COMS major)	PRA	PR	3	0		I	U30		0
COM	COMS	<b>COMS</b>	<b>3970T</b>	<b>Communication Studies Tutorial</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: In-depth study of a topic in Communication Studies. REQUISITE: HTC	TUT	TU	1 to 14	14		N	U30		0
COM	COMS	<b>COMS</b>	<b>3980T</b>	<b>Communication Studies Tutorial</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: In-depth study of a topic in Communication Studies. REQUISITE: HTC	TUT	TU	1 to 14	14		N	U30		0
COM	COMS	<b>COMS</b>	<b>4030</b>	<b>Advanced Presentations</b> ELIGIBLE GRADES: A-F 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. REQUISITE: C or better in COMS 1030 and COMS major and (Jr or Sr)	LEC	EL	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>4030</b>	<b>Advanced Presentations</b> ELIGIBLE GRADES: A-F 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. REQUISITE: C or better in COMS 1030 and COMS major and (Jr or Sr)	LEC	LE	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>4050</b>	<b>Meeting and Conference Planning</b> ELIGIBLE GRADES: A-F 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. REQUISITE: C or better in COMS 2050 and (Jr or Sr) and WARNING: not RHT 3620 or REC 3620	LEC	LE	3	0		N	U30		0
COM	COMS	<b>COMS</b>	<b>4060</b>	<b>Advanced Interpersonal Communication</b> ELIGIBLE GRADES: A-F 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. REQUISITE: C or better in COMS 2060	LEC	LE	3	0		N	U30		0



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>4070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4071</b>	<b>Nonverbal Communication for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4072</b>	<b>Communication in Your Workplace: Strategies for Teachers and Administrators</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4073</b>	<b>Effective Listening and Small Group Communication for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4074</b>	<b>Family Communication for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>4075</b>	<b>Instructional Communication Assessment for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
COM	COMS	<b>COMS</b>	<b>4076</b>	<b>Children's Conflict and Mediation for Teachers and Trainers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
COM	COMS	<b>COMS</b>	<b>4077</b>	<b>Communicating with Diverse Students</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>4077</b>	<b>Communicating with Diverse Students</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>4100</b>	<b>Cross-Cultural Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>4200</b>	<b>Gender and Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>4410</b>	<b>Communication in the Family</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>4510</b>	<b>Instructional Training and Development in Communication</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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.									

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COM	COMS	<b>COMS</b>	<b>4510</b>	<b>Instructional Training and Development in Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 9 hours in COMS and (Jr or Sr) Provides opportunity to design instructional training programs beginning with the needs assessment and continuing through the evaluation phase. Combination of lecture/discussion and student presentations.									
COM	COMS	<b>COMS</b>	<b>4530</b>	<b>Communication and the Campaign</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COMS 2020 and (Jr or Sr) Theory and practice of persuasion and management in campaign situations (political, religious, information, fund-raising, advertising, etc.). Students may participate in local, state, or national campaigns, or do an in-depth research paper.									
COM	COMS	<b>COMS</b>	<b>4530</b>	<b>Communication and the Campaign</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: COMS 2020 and (Jr or Sr) Theory and practice of persuasion and management in campaign situations (political, religious, information, fund-raising, advertising, etc.). Students may participate in local, state, or national campaigns, or do an in-depth research paper.									
COM	COMS	<b>COMS</b>	<b>4604</b>	<b>Responsibilities and Freedom of Speech in Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Ethical and rhetorical implications of constitutional guarantees on political, social, and religious speech; analysis of effects of famous legal cases on freedom of speech.									
COM	COMS	<b>COMS</b>	<b>4630</b>	<b>Rhetoric and Electronic Media</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>4630</b>	<b>Rhetoric and Electronic Media</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (C or better in COMS 2350) and 27 hours in COMS and COMS major and Sr only 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>	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Jr or Sr Course structure varies by instructor, but readings, classroom discussion, and demonstration of understanding through written work is typical.									
COM	COMS	<b>COMS</b>	<b>4900</b>	<b>Topics in Communication Studies</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	FLD	FE	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required and COMS major and (Jr or Sr) 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>	FLD	FE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and COMS major and (Jr or Sr) 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>	FLD	FE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and COMS major and (Jr or Sr) 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>	FLD	FE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and COMS major and (Jr or Sr) 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>	PRA	PR	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (COMS 3400 or 3500 or 3600) and COMS major and Sr only 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required							
		COURSE DESC:		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>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required							
		COURSE DESC:		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>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis in Communication Studies.									
COM	COMS	<b>COMS</b>	<b>4980T</b>	<b>Communication Studies Tutorial</b>	TUT	TU	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	HTC							
		COURSE DESC:		Thesis in Communication Studies									
COM	COMS	<b>COMS</b>	<b>5070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	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>5070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	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>5071</b>	<b>Nonverbal Communication for Teachers and Trainers</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5071</b>	<b>Nonverbal Communication for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>5072</b>	<b>Communicating in Your Workplace: Strategies for Teachers and Administrators</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	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>5073</b>	<b>Effective Listening and Small Group Communication for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>5074</b>	<b>Family Communication for Teachers and Trainers</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>5074</b>	<b>Family Communication for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>5075</b>	<b>Instructional Communication Assessment for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>5076</b>	<b>Children's Conflict and Mediation for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, this course will address interactions between people from a variety of backgrounds, including gender, age, religious, geographical, ethnic, or racial differences. The focus will be on examining the impact of variables such as communication. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors, and discuss strategies to improve their understanding of, and appreciation for, those differences. Taught in intensive format only during summer session.									
COM	COMS	<b>COMS</b>	<b>5077</b>	<b>Communicating with Diverse Students for Teachers and Trainers</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		This course is designed to explore issues relevant to enhancing communication competence and effectiveness between individuals of diverse backgrounds. Specifically, this course will address interactions between people from a variety of backgrounds, including gender, age, religious, geographical, ethnic, or racial differences. The focus will be on examining the impact of variables such as communication. Students will have the opportunity to explore the underlying patterns that influence their own, as well as others', communication behaviors, and discuss strategies to improve their understanding of, and appreciation for, those differences. Taught in intensive format only during summer session.									
COM	COMS	<b>COMS</b>	<b>5100</b>	<b>Field Research Methods in Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>5100</b>	<b>Field Research Methods in Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Development of research methods such as content analysis, participant observation, Q-analysis, questionnaire design, sampling procedures, case studies, and unobtrusive measures.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>5200</b>	<b>Cross-Cultural Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5200</b>	<b>Cross-Cultural Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5300</b>	<b>Communication and the Campaign</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5300</b>	<b>Communication and the Campaign</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5310</b>	<b>Theories of Argument</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5320</b>	<b>Responsibilities and Freedom of Speech in Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5630</b>	<b>Rhetoric and Electronic Media</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5900</b>	<b>Topics in Communication Studies</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6000</b>	<b>Introduction to Graduate Study</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Survey of contemporary communication theory, emphasizing cross-disciplinary contributions to such theory.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>6010</b>	<b>Theories of Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6020</b>	<b>Language and Symbol Systems</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Measurement principles, instruments, and techniques in communication; problems and procedures in testing, measuring, and evaluating communicative attitudes and skills; development and availability of relevant standardized tests.									
COM	COMS	<b>COMS</b>	<b>6100</b>	<b>Measurement Methodology in Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Measurement principles, instruments, and techniques in communication; problems and procedures in testing, measuring, and evaluating communicative attitudes and skills; development and availability of relevant standardized tests.									
COM	COMS	<b>COMS</b>	<b>6150</b>	<b>Corporate Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>6200</b>	<b>Communication in Social Conflict</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>6209</b>	<b>Communicating and Organizing</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>6210</b>	<b>Negotiation and Mediation</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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>6220</b>	<b>Nonverbal Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		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.									

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COM	COMS	<b>COMS</b>	<b>6230</b>	<b>Gender and Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Explores variations in communicative behaviors related to biological sex and psychological gender. Examines female and male communication in intrapersonal, interpersonal, small group, public, and organizational settings.									
COM	COMS	<b>COMS</b>	<b>6230</b>	<b>Gender and Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Explores variations in communicative behaviors related to biological sex and psychological gender. Examines female and male communication in intrapersonal, interpersonal, small group, public, and organizational settings.									
COM	COMS	<b>COMS</b>	<b>6240</b>	<b>Communication in the Family</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Examination of the communication concepts that are basic to understanding interaction in the family. Provides a framework for analysis of family communication. Explores communication issues that relate to conflict, power, intimacy, and the development of relationships. Presents a model of effective communication in the family. Consideration of verbal and nonverbal communication behaviors.									
COM	COMS	<b>COMS</b>	<b>6240</b>	<b>Communication in the Family</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Examination of the communication concepts that are basic to understanding interaction in the family. Provides a framework for analysis of family communication. Explores communication issues that relate to conflict, power, intimacy, and the development of relationships. Presents a model of effective communication in the family. Consideration of verbal and nonverbal communication behaviors.									
COM	COMS	<b>COMS</b>	<b>6250</b>	<b>Seminar in Instructional Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		This course provides graduate students with an overview of the impact of communication in the classroom. Specifically, this course focuses on the dynamics of communication and how this influences student outcomes (e.g., learning, motivation) as well as instructor outcomes (e.g., efficacy, job satisfaction).									
COM	COMS	<b>COMS</b>	<b>6250</b>	<b>Seminar in Instructional Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		This course provides graduate students with an overview of the impact of communication in the classroom. Specifically, this course focuses on the dynamics of communication and how this influences student outcomes (e.g., learning, motivation) as well as instructor outcomes (e.g., efficacy, job satisfaction).									
COM	COMS	<b>COMS</b>	<b>6260</b>	<b>Communication Audits in Organizations</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>6260</b>	<b>Communication Audits in Organizations</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Includes philosophies of organizational development; theories of instructional design, emphasizing stages of planning implementation, and evaluation; and communication training skills, including needs assessment and evaluation, writing objectives, application of communication content, and selection of instructional modes and resources--all investigated within business, professional, and governmental organizational contexts.									
COM	COMS	<b>COMS</b>	<b>6270</b>	<b>Instructional Training and Development in Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Includes philosophies of organizational development; theories of instructional design, emphasizing stages of planning implementation, and evaluation; and communication training skills, including needs assessment and evaluation, writing objectives, application of communication content, and selection of instructional modes and resources--all investigated within business, professional, and governmental organizational contexts.									
COM	COMS	<b>COMS</b>	<b>6300</b>	<b>Communication and Persuasion</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>6300</b>	<b>Communication and Persuasion</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>6310</b>	<b>History of Rhetorical Theory</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Covers main concepts and principal figures in the history of rhetorical theory. Begins with classical Greece and ends with postmodernity.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>6310</b>	<b>History of Rhetorical Theory</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Covers main concepts and principal figures in the history of rhetorical theory. Begins with classical Greece and ends with postmodernity.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6320</b>	<b>Rhetoric, Culture, and Social Critique</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6320</b>	<b>Rhetoric, Culture, and Social Critique</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6330</b>	<b>Modern Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Aims, tasks, and significance of rhetoric in relation to human communication processes. Distinctions among speculative, critical, canonical, and performative perspectives in rhetorical inquiry.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6330</b>	<b>Modern Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Aims, tasks, and significance of rhetoric in relation to human communication processes. Distinctions among speculative, critical, canonical, and performative perspectives in rhetorical inquiry.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6340</b>	<b>Religious Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6340</b>	<b>Religious Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6341</b>	<b>The Rhetoric of Protest and Reform</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6341</b>	<b>The Rhetoric of Protest and Reform</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6342</b>	<b>The Rhetoric of the World Wars</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Analysis and criticism of wartime communication, its principal modes, techniques, media, and effects. Theory and practice as reflected in WWI and II.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6342</b>	<b>The Rhetoric of the World Wars</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Analysis and criticism of wartime communication, its principal modes, techniques, media, and effects. Theory and practice as reflected in WWI and II.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6343</b>	<b>Analysis and Criticism of Legal Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>6343</b>	<b>Analysis and Criticism of Legal Rhetoric</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	SE	4	0		N	G50		0

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COM	COMS	<b>COMS</b>	<b>6344</b>	<b>Analysis and Criticism of Political Rhetoric</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>6344</b>	<b>Analysis and Criticism of Political Rhetoric</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>6350</b>	<b>Foucault, Discourse, and Social Change</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	COMS	<b>COMS</b>	<b>6900</b>	<b>Special Topics in Communication Studies</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	COMS	<b>COMS</b>	<b>6910</b>	<b>Internship</b>	FLD	FE	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Experience in communication-related activities in organizational environments. Written proposal required.									
COM	COMS	<b>COMS</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 8	8		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Readings on special problems under planned program approved by advisor. Projects must be approved prior to registration.									
COM	COMS	<b>COMS</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 8	8		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Individual research on special problems. Projects must be approved prior to registration.									
COM	COMS	<b>COMS</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 12	36		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Independent research as part of completion of master's degree.									
COM	COMS	<b>COMS</b>	<b>7000</b>	<b>Professional Seminar in Communication Studies: Pedagogy</b>	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: COMS major 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>	SEM	EL	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: COMS major 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>	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: COMS major 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>	SEM	EL	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: COMS major 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.									

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COM	COMS	<b>COMS</b>	<b>7002</b>	<b>Professional Seminar in Communication Studies: Service</b>	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: 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>	SEM	EL	1	5		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: 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>7003</b>	<b>Professional Seminar in Communication Studies: Advanced Pedagogy</b>	SEM	SE	1	5		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: 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>7010</b>	<b>Research Designs in Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		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>7010</b>	<b>Research Designs in Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		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>Integrated Theory in Communications Studies I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		COMS 7020 (and its companion course, 7030) will provide students with a broad-based introduction to, and critical examination of, the historical foundations as well as the contemporary theoretical investigations of the communication discipline. Students will read primary source materials coupled with contemporary texts extending these works in developing, applying and testing communication theory.									
COM	COMS	<b>COMS</b>	<b>7030</b>	<b>Integrated Theory in Communications Studies II</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: COMS 7020									
		COURSE DESC:		COMS 7030 (and its companion course, 7020) will provide students with a broad-based introduction to, and critical examination of, the historical foundations of communication theory, as well as the contemporary texts extending these works in developing, applying, and testing communication theory.									
COM	COMS	<b>COMS</b>	<b>7030</b>	<b>Integrated Theory in Communications Studies II</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: COMS 7020									
		COURSE DESC:		COMS 7030 (and its companion course, 7020) will provide students with a broad-based introduction to, and critical examination of, the historical foundations of communication theory, as well as the contemporary texts extending these works in developing, applying, and testing communication theory.									
COM	COMS	<b>COMS</b>	<b>7040</b>	<b>Research Design and Analysis I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		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.									

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COM	COMS	<b>COMS</b>	<b>7110</b>	<b>Communication Historiography I</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7110</b>	<b>Communication Historiography I</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7120</b>	<b>Communication Historiography II</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7120</b>	<b>Communication Historiography II</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7130</b>	<b>Qualitative Research: Ethnography of Communication and Conversational Analysis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Provides students with an understanding of how to conduct communication research projects using two qualitative research methodologies that stress the collection and analysis of naturalistic data--ethnography of communication and conversation analysis.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7130</b>	<b>Qualitative Research: Ethnography of Communication and Conversational Analysis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Provides students with an understanding of how to conduct communication research projects using two qualitative research methodologies that stress the collection and analysis of naturalistic data--ethnography of communication and conversation analysis.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7200</b>	<b>Introduction to Relating and Organizing</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This course is the first in a series of courses designed to introduce graduate students to the interconnections between micro practices and macro organizational and societal structures and influences. Particular attention will be paid to how individuals and collectives experience and enact fundamental tensions in their efforts to relate and organize.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7200</b>	<b>Introduction to Relating and Organizing</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This course is the first in a series of courses designed to introduce graduate students to the interconnections between micro practices and macro organizational and societal structures and influences. Particular attention will be paid to how individuals and collectives experience and enact fundamental tensions in their efforts to relate and organize.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7210</b>	<b>Communication Process in Small Groups</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Theory and research in group social system, group modification of individual judgment, leadership styles, group vs. individual goals, and intragroup lines of communication in small problem-solving and learning groups.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7210</b>	<b>Communication Process in Small Groups</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Theory and research in group social system, group modification of individual judgment, leadership styles, group vs. individual goals, and intragroup lines of communication in small problem-solving and learning groups.	SEM	SE	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7220</b>	<b>Communicative Process in Organizations</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Interaction between organizational structure and communication within organizations. Emphasis on theoretical and methodological analysis. Primary focus on conducting major research project.	SEM	EL	4	0		N	G50		0
COM	COMS	<b>COMS</b>	<b>7220</b>	<b>Communicative Process in Organizations</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Interaction between organizational structure and communication within organizations. Emphasis on theoretical and methodological analysis. Primary focus on conducting major research project.	SEM	SE	4	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>7230</b>	<b>Communication and Information Diffusion</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7230</b>	<b>Communication and Information Diffusion</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7250</b>	<b>Organization Communication Consulting: Foundational Perspectives</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7300</b>	<b>Introduction to Rhetoric and Public Culture</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7310</b>	<b>Rhetorical Criticism</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7310</b>	<b>Rhetorical Criticism</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7400</b>	<b>Introduction to Health Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Survey of the wide range of topics within the area of health communication, including cultural concepts of health, patient centered meanings of health, physician patient interaction, social support, health promotion campaigns, harm reduction campaigns, mass media constructions of health, risk communication, and health-related values and ethics.									
COM	COMS	<b>COMS</b>	<b>7400</b>	<b>Introduction to Health Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Survey of the wide range of topics within the area of health communication, including cultural concepts of health, patient centered meanings of health, physician patient interaction, social support, health promotion campaigns, harm reduction campaigns, mass media constructions of health, risk communication, and health-related values and ethics.									
COM	COMS	<b>COMS</b>	<b>7900</b>	<b>Topics in Communication Studies I</b>	SEM	EL	4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>7900</b>	<b>Topics in Communication Studies I</b>	SEM	SE	4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	4	20		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Seminar contents vary.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>7901</b>	<b>Interdisciplinary Seminar</b>	SEM	SE	4	20		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar contents vary.									
COM	COMS	<b>COMS</b>	<b>7940</b>	<b>Research</b>	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individual research on special projects. Projects must be approved prior to registration.									
COM	COMS	<b>COMS</b>	<b>8200</b>	<b>Communication in Organizations</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload and underload, exploration of theoretical foundations in organizational decision making, superior-subordinate communication, organizational effectiveness, and change processes.									
COM	COMS	<b>COMS</b>	<b>8200</b>	<b>Communication in Organizations</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduction to organizational communication. Specific objectives include development of historical progress, examination of major research issues such as information flow, network analysis, communication overload and underload, exploration of theoretical foundations in organizational decision making, superior-subordinate communication, organizational effectiveness, and change processes.									
COM	COMS	<b>COMS</b>	<b>8210</b>	<b>Seminar in Interpersonal Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides advanced graduate students with opportunity to identify and analyze basic components of dyadic communicative system including multivariate nature of both relationships and effects.									
COM	COMS	<b>COMS</b>	<b>8210</b>	<b>Seminar in Interpersonal Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides advanced graduate students with opportunity to identify and analyze basic components of dyadic communicative system including multivariate nature of both relationships and effects.									
COM	COMS	<b>COMS</b>	<b>8220</b>	<b>Public Deliberation</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>8220</b>	<b>Public Deliberation</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>8230</b>	<b>Integrated Research in Communication Studies</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>8290</b>	<b>Topics in Relating and Organizing</b>	SEM	EL	4	12		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>8290</b>	<b>Topics in Relating and Organizing</b>	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>8310</b>	<b>Rhetoric and Popular Culture</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>8310</b>	<b>Rhetoric and Popular Culture</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course examines the creation of meaning in verbal and graphic texts in speech, print, and electronic environments, with emphasis on the cultural significance of various communication technologies. In addition to discussions of theory, the course includes hands-on explorations of electronic examples (including radio, cell phones, games, and Internet applications), especially in contrast to print and speech, and consideration of social, economic, and technical dimensions of mediated culture.									
COM	COMS	<b>COMS</b>	<b>8320</b>	<b>Rhetorical and Communicative Functions of Technology</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course examines the creation of meaning in verbal and graphic texts in speech, print, and electronic environments, with emphasis on the cultural significance of various communication technologies. In addition to discussions of theory, the course includes hands-on explorations of electronic examples (including radio, cell phones, games, and Internet applications), especially in contrast to print and speech, and consideration of social, economic, and technical dimensions of mediated culture.									
COM	COMS	<b>COMS</b>	<b>8330</b>	<b>Feminist Rhetorical Theory</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will begin with an examination of what it means to 'write women into the history of rhetoric'. This examination will provide the backdrop for an initial historiographical approach to women's contributions to rhetorical theory. Beyond this initial focus, the course will examine recent developments in feminist theory that impinge on or work from an understanding of rhetoric. As such, the course cuts across both historical and theoretical boundaries mapping the space for a feminist rhetoric.									
COM	COMS	<b>COMS</b>	<b>8330</b>	<b>Feminist Rhetorical Theory</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will begin with an examination of what it means to 'write women into the history of rhetoric'. This examination will provide the backdrop for an initial historiographical approach to women's contributions to rhetorical theory. Beyond this initial focus, the course will examine recent developments in feminist theory that impinge on or work from an understanding of rhetoric. As such, the course cuts across both historical and theoretical boundaries mapping the space for a feminist rhetoric.									
COM	COMS	<b>COMS</b>	<b>8390</b>	<b>Topics in the Philosophy of Communication: Rhetoric and Public Culture</b>	SEM	EL	4	12		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of particular philosophical traditions (e.g., post structuralism, pragmatism, the Frankfurt School, analytic philosophy, Marxism), philosophers (e.g., Burke, Levinas, Foucault, Dewey, Habermas, Giddens, Marx, Wittgenstein), and/or topics of interest to faculty and students not covered by regular classes (e.g., visual communication; humor; privacy; surveillance; the rhetoric of law; civil society and discourse; the rhetoric of terrorism-; narrative, rhetoric, space, and place; political communication; and cultural studies). Topics will vary and the course may be repeated three times as topics rotate.									
COM	COMS	<b>COMS</b>	<b>8390</b>	<b>Topics in the Philosophy of Communication: Rhetoric and Public Culture</b>	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Study of particular philosophical traditions (e.g., post structuralism, pragmatism, the Frankfurt School, analytic philosophy, Marxism), philosophers (e.g., Burke, Levinas, Foucault, Dewey, Habermas, Giddens, Marx, Wittgenstein), and/or topics of interest to faculty and students not covered by regular classes (e.g., visual communication; humor; privacy; surveillance; the rhetoric of law; civil society and discourse; the rhetoric of terrorism-; narrative, rhetoric, space, and place; political communication; and cultural studies). Topics will vary and the course may be repeated three times as topics rotate.									
COM	COMS	<b>COMS</b>	<b>8400</b>	<b>Communication Issues in Health Care Organizations</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course introduces students to research on communication issues in health care organizing and provides a forum for developing research agendas in this area. Underscoring course reading and assignments is the assumption that health, illness, and healing acquire meaning through symbolic interactions located within social, political, economic, and cultural structures.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	COMS	<b>COMS</b>	<b>8400</b>	<b>Communication Issues in Health Care Organizations</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course introduces students to research on communication issues in health care organizing and provides a forum for developing research agendas in this area. Underscoring course reading and assignments is the assumption that health, 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		The purpose of this course is to examine the influence of culture on communicative aspects of patient and public health. The course explores theories of communication medical anthropology, and health education to understand the conceptual foundations of intercultural health. The course analyzes how peoples' health beliefs play out in interactions with patients and providers, and examines how public health strategies can be designed for specific cultural contexts. The larger purpose of this course is to train graduate students to communicate more effectively with patients, providers, and the public in multicultural health care settings.									
COM	COMS	<b>COMS</b>	<b>8420</b>	<b>Health Communication and Culture</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		The purpose of this course is to examine the influence of culture on communicative aspects of patient and public health. The course explores theories of communication medical anthropology, and health education to understand the conceptual foundations of intercultural health. The course analyzes how peoples' health beliefs play out in interactions with patients and providers, and examines how public health strategies can be designed for specific cultural contexts. The larger purpose of this course is to train graduate students to communicate more effectively with patients, providers, and the public in multicultural health care settings.									
COM	COMS	<b>COMS</b>	<b>8430</b>	<b>Relational Issues in Health Communication</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will highlight the communicative accomplishment of health relationships. In particular, students will gain an understanding of the interactional resources that enable health care participants to construct emergent relationships and identities.									
COM	COMS	<b>COMS</b>	<b>8430</b>	<b>Relational Issues in Health Communication</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will highlight the communicative accomplishment of health relationships. In particular, students will gain an understanding of the interactional resources that enable health care participants to construct emergent relationships and identities.									
COM	COMS	<b>COMS</b>	<b>8440</b>	<b>Public Understanding of Health and Healing</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar exploring the relationships among communication, public culture, and public perceptions of health and healing. 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 healing.									
COM	COMS	<b>COMS</b>	<b>8440</b>	<b>Public Understanding of Health and Healing</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Seminar exploring the relationships among communication, public culture, and public perceptions of health and healing. 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 healing.									
COM	COMS	<b>COMS</b>	<b>8900</b>	<b>Special Topics in Communication Studies II</b>	LEC	EL	4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>8900</b>	<b>Special Topics in Communication Studies II</b>	LEC	LE	4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	THE	TH	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent research leading to the completion of the doctoral degree.									



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

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	<b>ITS</b>	<b>3100</b>	<b>Internet Applications and Network Systems</b>	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (ITS 2140 and 2300)									
				Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications									
COM	ITS	<b>ITS</b>	<b>3100</b>	<b>Internet Applications and Network Systems</b>	LEC	EL	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (ITS 2140 and 2300)									
				Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications									
COM	ITS	<b>ITS</b>	<b>3100</b>	<b>Internet Applications and Network Systems</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (ITS 2140 and 2300)									
				Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications									
COM	ITS	<b>ITS</b>	<b>3110</b>	<b>Technical Foundations for Communications</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100									
				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	ITS	<b>ITS</b>	<b>3110</b>	<b>Technical Foundations for Communications</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100									
				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	ITS	<b>ITS</b>	<b>3110</b>	<b>Technical Foundations for Communications</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100									
				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	ITS	<b>ITS</b>	<b>3430</b>	<b>Switched Carrier Networks</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3110									
				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	ITS	<b>ITS</b>	<b>3430</b>	<b>Switched Carrier Networks</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3110									
				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	ITS	<b>ITS</b>	<b>3790</b>	<b>Geographic Analysis of Telecommunication Systems</b>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 2140									
				Encourages students to consider the technical, socioeconomic, and policy aspects of telecommunications technologies, particularly from a geographic perspective. Utilizes readings, lectures, and discussions to explore various issues associated with telecommunications technologies, including broadband availability, telecommunications tower siting, cellular coverage areas, and the spatial digital divide. Students apply their knowledge through class activities.									
COM	ITS	<b>ITS</b>	<b>3790</b>	<b>Geographic Analysis of Telecommunication Systems</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 2140									
				Encourages students to consider the technical, socioeconomic, and policy aspects of telecommunications technologies, particularly from a geographic perspective. Utilizes readings, lectures, and discussions to explore various issues associated with telecommunications technologies, including broadband availability, telecommunications tower siting, cellular coverage areas, and the spatial digital divide. Students apply their knowledge through class activities.									
COM	ITS	<b>ITS</b>	<b>4020</b>	<b>Strategic Decision Making in Information and Telecommunication Industries</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ECON 1030 and C or better in ITS 2140									
				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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	<b>ITS</b>	<b>4020</b>	<b>Strategic Decision Making in Information and Telecommunication Industries</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ECON 1030 and C or better in ITS 2140 Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.									
COM	ITS	<b>ITS</b>	<b>4050</b>	<b>Competition and Market Structure in Telecommunications Industries</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 4020 An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									
COM	ITS	<b>ITS</b>	<b>4050</b>	<b>Competition and Market Structure in Telecommunications Industries</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 4020 An in-depth analysis of policy and market issues of fundamental concern to the voice/data communication competitive environment. Examples of such issues could include monopoly and competitive market benefits to the consumers, measuring market concentration, merger analysis, antitrust, and other government remedies for market power.									
COM	ITS	<b>ITS</b>	<b>4070</b>	<b>International Communication Networks</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3020 A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	<b>ITS</b>	<b>4070</b>	<b>International Communication Networks</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3020 A study of international communication organizations (PTTs, the ITU, etc.), international satellite organizations, and other international record carriers. Will explore current issues in international standards and regulations.									
COM	ITS	<b>ITS</b>	<b>4110</b>	<b>Pricing of Telecommunications Services</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3020 Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	<b>ITS</b>	<b>4110</b>	<b>Pricing of Telecommunications Services</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3020 Examination of pricing, price-setting and price changes for telecommunication services. Pricing topics examined include: competitive market pricing; regulated pricing; flat-rate and measured service pricing; pricing of equipment; pricing of local, interconnection, and long-distance services; and the pricing of mobile and Internet-based telephone services.									
COM	ITS	<b>ITS</b>	<b>4290</b>	<b>Communication Network Analysis and Design</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3110 or 330 The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	<b>ITS</b>	<b>4290</b>	<b>Communication Network Analysis and Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3110 or 330 The study and use of methodology for analysis, specification, and design of communication networks. Extensive application case studies derive requirements from statistical traffic characterization and modeling of voice, data, and video sources. Networks designed include fiber optics, wireless, Ethernet, SONET/TDM, and IP packet technologies.									
COM	ITS	<b>ITS</b>	<b>4310</b>	<b>Privacy in the Internet Age</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	<b>ITS</b>	<b>4310</b>	<b>Privacy in the Internet Age</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Examines the impact of communication and information technologies on personal privacy. Theories of privacy, constitutional bases for privacy, and privacy laws are discussed. The impact of technologies like computer databases and surveillance cameras and of methods like data mining, telemarketing and cookies on financial, medical, and workplace privacy are considered. The information technology aspects of the war on terrorism and the related privacy issues are also addressed.									
COM	ITS	<b>ITS</b>	<b>4320</b>	<b>Gender and Information Technology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	<b>ITS</b>	<b>4320</b>	<b>Gender and Information Technology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.									
COM	ITS	<b>ITS</b>	<b>4330</b>	<b>IT Compliance and Planning</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 2140	Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.								
COM	ITS	<b>ITS</b>	<b>4330</b>	<b>IT Compliance and Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 2140	Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.								
COM	ITS	<b>ITS</b>	<b>4370</b>	<b>Wireless Telecommunications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 2300	Covers wireless communications principles as well as a study of modern commercial wireless systems. Starts with a discussion on the challenges inherent to wireless communications and the proceeds with a study of RF propagation over noisy channels, S/N ratio, antennas and frequency assignment. Discusses satellite communications basics: components, operations, orbits, frequencies and Earth stations. A detailed discussion of wide area terrestrial wireless systems: analog and digital cellular, 3G and 4G broadband systems provides students with an overview of the advantages and limitations of diverse modern and legacy systems. Local and personal area networks discussions are also included, with an overview or their structure, security and the deployment planning process.								
COM	ITS	<b>ITS</b>	<b>4410</b>	<b>Voice over IP</b>	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3100	Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ITS	<b>ITS</b>	<b>4410</b>	<b>Voice over IP</b>	LEC	EL	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3100	Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ITS	<b>ITS</b>	<b>4410</b>	<b>Voice over IP</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3100	Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ITS	<b>ITS</b>	<b>4440</b>	<b>Lifecycle Management of Information and Telecommunication Systems</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr and ITS 3100 and 4020 and ITS major	Info and telecom lifecycle management -- defining, implementing, and operating/maintaining complex systems; perform needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. Extensive paper required.								
COM	ITS	<b>ITS</b>	<b>4440</b>	<b>Lifecycle Management of Information and Telecommunication Systems</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr and ITS 3100 and 4020 and ITS major	Info and telecom lifecycle management -- defining, implementing, and operating/maintaining complex systems; perform needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. Extensive paper required.								
COM	ITS	<b>ITS</b>	<b>4510</b>	<b>Telecommunication Network Security</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3100	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.								

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	ITS	<b>ITS</b>	<b>4510</b>	<b>Telecommunication Network Security</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 3100 Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.									
COM	ITS	<b>ITS</b>	<b>4530</b>	<b>Encrypted Communication</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 2300 The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									
COM	ITS	<b>ITS</b>	<b>4530</b>	<b>Encrypted Communication</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ITS 2300 The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.									
COM	ITS	<b>ITS</b>	<b>4750</b>	<b>Internet Engineering</b>	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CS 4750 Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	<b>ITS</b>	<b>4750</b>	<b>Internet Engineering</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100 and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): CS 4750 Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	<b>ITS</b>	<b>4900</b>	<b>Topical Seminar</b>	LEC	EL	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ITS 3020 and 3100 Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	<b>ITS</b>	<b>4900</b>	<b>Topical Seminar</b>	LEC	LE	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ITS 3020 and 3100 Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	<b>ITS</b>	<b>4900L</b>	<b>Special Topics Lab</b>	LAB	LB	1	4		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ITS 3100 Lab offered in conjunction with an ITS 4900 Special Topics Seminar									
COM	ITS	<b>ITS</b>	<b>4910</b>	<b>Internship in Communication</b>	FLD	FE	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Internship with approved company, agency, or organization. Application necessary; comprehensive paper required. Students may not apply both 4910 and 4920 toward ITS elective requirement.									
COM	ITS	<b>ITS</b>	<b>4920</b>	<b>Practicum in Communication Systems</b>	PRA	PR	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required Faculty-supervised first-hand experience with installing, designing, configuring, maintaining, or otherwise managing communication systems. A written report is required. Students may not apply both 4910 and 4920 toward ITS elective requirement.									
COM	ITS	<b>ITS</b>	<b>4930</b>	<b>Special Studies</b>	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Independent study, supervised by faculty.									
COM	ITS	<b>ITS</b>	<b>4930</b>	<b>Special Studies</b>	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Independent study, supervised by faculty.									
COM	ITS	<b>ITS</b>	<b>5020</b>	<b>Strategic Decision Making in Information and Telecommunication Industries</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.									
COM	ITS	<b>ITS</b>	<b>5020</b>	<b>Strategic Decision Making in Information and Telecommunication Industries</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Students will analyze issues and challenges facing firms in information and telecommunication industries including standardization, network effects (demand-side scale economies, two-sided markets), high fixed costs/low marginal costs, positive feedback loops, customer lock-in, learning economies, and the need for rights management. Students will evaluate managerial responses including competitive strategies, pricing, bundling, and versioning associated with information and telecommunication products and services.									

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

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

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COM	ITS	<b>ITS</b>	<b>5530</b>	<b>Encrypted Communication</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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	ITS	<b>ITS</b>	<b>5750</b>	<b>Internet Engineering</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	<b>ITS</b>	<b>5750</b>	<b>Internet Engineering</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	<b>ITS</b>	<b>5750</b>	<b>Internet Engineering</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): C S 5750							
		COURSE DESC:		Internet status and future, including IP addressing. DNS, DHCP, and utilities such as ping and traceroute. Router configuration and operating systems, Linux and Windows.									
COM	ITS	<b>ITS</b>	<b>5900</b>	<b>Topical Seminar</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	<b>ITS</b>	<b>5900</b>	<b>Topical Seminar</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specialized topics taught by faculty or J. Warren McClure Distinguished Visiting Professor. Illustrative examples have included privacy and GIS in telecommunications.									
COM	ITS	<b>ITS</b>	<b>6000</b>	<b>Research Methods in Information and Telecommunication Systems</b>	LEC	EL	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Provides an overview of the field and introduces the students to the fundamentals of research, including the steps involved in identifying a research problem, how to formulate a problem statement, selection of appropriate research methodologies, accumulating and analyzing relevant empirical data, writing research results. Will explain and analyze various research methods and tools, both quantitative and qualitative.									
COM	ITS	<b>ITS</b>	<b>6000</b>	<b>Research Methods in Information and Telecommunication Systems</b>	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Provides an overview of the field and introduces the students to the fundamentals of research, including the steps involved in identifying a research problem, how to formulate a problem statement, selection of appropriate research methodologies, accumulating and analyzing relevant empirical data, writing research results. Will explain and analyze various research methods and tools, both quantitative and qualitative.									
COM	ITS	<b>ITS</b>	<b>6020</b>	<b>Policy and Regulation for ICT Networks</b>	LEC	EL	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the major theoretical and legal issues and debates that have shaped the communication network industry. Students will examine issues of anti-trust, common carrier regulation, and public utility law and will examine their impact on market outcomes and policy goals. Also examines the impact of competition on the industry and its regulation.									
COM	ITS	<b>ITS</b>	<b>6020</b>	<b>Policy and Regulation for ICT Networks</b>	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Introduction to the major theoretical and legal issues and debates that have shaped the communication network industry. Students will examine issues of anti-trust, common carrier regulation, and public utility law and will examine their impact on market outcomes and policy goals. Also examines the impact of competition on the industry and its regulation.									
COM	ITS	<b>ITS</b>	<b>6030</b>	<b>Advanced Policy and Regulation for ICT Networks</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITS 6020							
		COURSE DESC:		An advance exploration of advanced topics in telecommunications policy and regulation in the United States. Emphasis will be on primary sources, e.g., FCC and State Public Utility Commission Orders, appellate court decisions, and other documents. This elective will build on the foundation provided by ITS 6020. Subject matter will include state and federal activity related to local competition, access charge reform, regulation of broadband services, and spectrum management.									
COM	ITS	<b>ITS</b>	<b>6030</b>	<b>Advanced Policy and Regulation for ICT Networks</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITS 6020							
		COURSE DESC:		An advance exploration of advanced topics in telecommunications policy and regulation in the United States. Emphasis will be on primary sources, e.g., FCC and State Public Utility Commission Orders, appellate court decisions, and other documents. This elective will build on the foundation provided by ITS 6020. Subject matter will include state and federal activity related to local competition, access charge reform, regulation of broadband services, and spectrum management.									



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

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

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>1010</b>	<b>The Future of Media</b>	DIS	DI	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>1050</b>	<b>Introduction to Mass Communication</b>	LEC	LE	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		25
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.									
COM	JOUR	<b>JOUR</b>	<b>1890</b>	<b>Journalism Workshop</b>	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.									
COM	JOUR	<b>JOUR</b>	<b>2050</b>	<b>News and Information Literacy</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>2050</b>	<b>News and Information Literacy</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2150</b>	<b>Mass Media Writing Principles</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Creative and practical aspects of typography, layout, and design of printed communication.									
COM	JOUR	<b>JOUR</b>	<b>2310</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	Grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2311							
		COURSE DESC:		Basics of information gathering, reporting, writing, and multiplatform publication of news and strategic communications. Either 2310 or 2311 satisfies journalism core requirements.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>2311</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 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>2500</b>	<b>Introduction to Advertising and Public Relations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 Specific course content will vary with offering.									
COM	JOUR	<b>JOUR</b>	<b>2900</b>	<b>Special Topics in Journalism</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Journalism major and grade of 75% or higher on School of Journalism grammar exam or C or better in JOUR 1330 and WARNING: not JOUR 2310 Specific course content will vary with offering.									
COM	JOUR	<b>JOUR</b>	<b>2970T</b>	<b>Journalism Tutorial (Core Tutorial)</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC 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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) and soph or higher 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) Development of newspaper, magazine, and broadcast journalism from colonial period to present. Social, political, economic, and mechanical aspects.									
COM	JOUR	<b>JOUR</b>	<b>3110</b>	<b>History of American Journalism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) 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>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) Selecting, editing, writing, and formatting content for Web-based media. Evaluating and criticizing online journalistic practices.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>3200</b>	<b>Ethics, Mass Media, and Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in ((JOUR 231A and 233) or (231 and 233) or 2310 or 2311) OR (JOUR Minor and JOUR 1050 and 2150) OR (BC5374 major) and soph or jr or sr							
		COURSE DESC:		Teaches social responsibility to journalists and other media communicators. Discusses professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures.									
COM	JOUR	<b>JOUR</b>	<b>3310</b>	<b>Reporting Public Issues</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3330</b>	<b>Editing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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>3380</b>	<b>Graphics and Audiences</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 270 or 2500							
		COURSE DESC:		Introduction to advertising and public relations theories and applied strategic communication research.									
COM	JOUR	<b>JOUR</b>	<b>3400</b>	<b>Advertising and Public Relations Research and Theory</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 270 or 2500							
		COURSE DESC:		Introduction to advertising and public relations theories and applied strategic communication research.									
COM	JOUR	<b>JOUR</b>	<b>3500</b>	<b>Radio and Television Reporting and Writing</b>	LEC	LE	3	0	1JE	N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3620</b>	<b>Community Journalism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>3630</b>	<b>Reviewing and Criticism</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	1JE	N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>3750</b>	<b>Advertising Media Planning and Buying</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311							
		COURSE DESC:		Students develop news stories as assigned by news source.									
COM	JOUR	<b>JOUR</b>	<b>3921</b>	<b>Editing Practice</b>	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	JOUR 3330							
		COURSE DESC:		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>	PRA	PR	1	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	JOUR 350 or 352 or 3500							
		COURSE DESC:		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>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>3980T</b>	<b>Journalism Tutorial (Research)</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311 and 18 hours in JOUR and Sr only							
		COURSE DESC:		Explores the situation of women and minorities in newspapers, broadcast, online journalism, magazine journalism, PR, and advertising. It looks at issues of diversity on the level of both the production and the consumption of journalistic content, as well as the content itself.									
COM	JOUR	<b>JOUR</b>	<b>4150</b>	<b>Environmental and Science Journalism</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4150</b>	<b>Environmental and Science Journalism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4180</b>	<b>Digital Information and Innovation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 3100							
		COURSE DESC:		Legal issues as they apply to online journalism.									
COM	JOUR	<b>JOUR</b>	<b>4190</b>	<b>Legal Issues of Online Journalism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 3100							
		COURSE DESC:		Legal issues as they apply to online journalism.									
COM	JOUR	<b>JOUR</b>	<b>4230</b>	<b>International and Cross-Cultural Advertising</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>4300</b>	<b>Magazine Editing and Production</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4320</b>	<b>Specialized Business Media</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 3330							
		COURSE DESC:		Advanced management and production of content for journalistic media.									
COM	JOUR	<b>JOUR</b>	<b>4350</b>	<b>Advanced Editing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4390</b>	<b>Business Reporting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		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>4410J</b>	<b>Magazine Feature Writing</b>	LEC	LE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	JOUR 4410J							
		COURSE DESC:		Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	<b>JOUR</b>	<b>4420</b>	<b>Advanced Magazine Feature Writing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4450</b>	<b>Creative Concepts</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4490</b>	<b>Economics Reporting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>4510</b>	<b>Corporate Social Responsibility</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4510</b>	<b>Corporate Social Responsibility</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(JOUR 2500 and 3400) or (JOUR minor and JOUR 1050 and 2150)						
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	<b>JOUR</b>	<b>4530</b>	<b>Strategic Social Media</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(JOUR 2500 and 3400) or (JOUR minor and JOUR 1050 and 2150)						
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	<b>JOUR</b>	<b>4630</b>	<b>Media and Conflicts</b>	SEM	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		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>4630</b>	<b>Media and Conflicts</b>	SEM	SE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		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>4650</b>	<b>Opinion Writing</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>4650</b>	<b>Opinion Writing</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	3	N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	((C or better in (JOUR 2310 or 2311) or BC5374) 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>4660</b>	<b>International Mass Media</b>	LEC	LE	3	0	3	N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	((C or better in (JOUR 2310 or 2311) or BC5374) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4670</b>	<b>Foreign Correspondence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>4700</b>	<b>Sportswriting</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4790</b>	<b>Data Journalism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4810</b>	<b>News Media Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Focuses on how to manage a strategic communication account.									
COM	JOUR	<b>JOUR</b>	<b>4820</b>	<b>Strategic Communication Management for Advertising and PR Professionals</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4840</b>	<b>Supervising School Publications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4850</b>	<b>Journalism in the Secondary School Curriculum</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(JOUR 270 or 2500) and 3400 and 3700 and Sr							
		COURSE DESC:		Capstone in Strategic Communication track to provide thorough understanding of basic elements of advertising and public relations campaigns. Includes creation of campaign.									
COM	JOUR	<b>JOUR</b>	<b>4870</b>	<b>News and Information Capstone</b>	LEC	LE	3	0	3	N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	3 Courses from (JOUR 3140 or 3310 or 3330 or 3500 or 4300 or 4410J or 4790 or 4920 or 4921) and Sr only							
		COURSE DESC:		This capstone, for the News and Information track, will be multimedia project-based that will synthesize information gathering, critical thinking, writing and production, and research and theory skills gained throughout the curriculum.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>4900</b>	<b>Special Issues and Topics in Journalism</b>	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		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>4900</b>	<b>Special Issues and Topics in Journalism</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		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>4901</b>	<b>Topical Journalism</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		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>4910</b>	<b>Internship</b>	FLD	FE	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required before beginning internship						
		COURSE DESC:		Students gain practical experience in media and strategic communication fields under supervision of industry professionals.									
COM	JOUR	<b>JOUR</b>	<b>4920</b>	<b>Advanced Multimedia Reporting Practicum</b>	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4923</b>	<b>Seminar in Online Journalism</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4930</b>	<b>Independent Study</b>	IND	EL	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Written proposal						
		COURSE DESC:		Content varies.									
COM	JOUR	<b>JOUR</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Written proposal						
		COURSE DESC:		Content varies.									
COM	JOUR	<b>JOUR</b>	<b>4940</b>	<b>Research in Journalism and Communications</b>	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	(JOUR 231A and 233) or (231 and 233) or 2310 or 2311						
		COURSE DESC:		Topical independent research in journalism and mass communications.									
COM	JOUR	<b>JOUR</b>	<b>4970T</b>	<b>Journalism Tutorial (Thesis Tutorial)</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Individualized thesis tutorial for HTC students only. This tutorial guides students through the research and writing process of their honors thesis.									
COM	JOUR	<b>JOUR</b>	<b>4980T</b>	<b>Journalism Tutorial (Thesis Tutorial)</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Individualized thesis tutorial for HTC students only. This tutorial guides students through the research and writing process of their honors thesis.									
COM	JOUR	<b>JOUR</b>	<b>5010</b>	<b>Introduction to Graduate Study</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Introduction to graduate study at Ohio University, required of all new graduate students.									

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COM	JOUR	<b>JOUR</b>	<b>5020</b>	<b>Thesis Proposal</b>	TUT	TU	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Work with a professor to research, write, and defend a masters thesis proposal or professional project proposal. Student must enroll in second semester of masters program.									
COM	JOUR	<b>JOUR</b>	<b>5100</b>	<b>Communication Law</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the situation of women and minorities in newspapers, broadcast, online journalism, magazine journalism, PR, and advertising. It looks at issues of diversity on the level of both the production and the consumption of journalistic content, as well as the content itself.									
COM	JOUR	<b>JOUR</b>	<b>5140</b>	<b>Fundamentals of Online Journalism</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5150</b>	<b>Environmental and Science Journalism</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5150</b>	<b>Environmental and Science Journalism</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5150</b>	<b>Environmental and Science Journalism</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5150</b>	<b>Environmental and Science Journalism</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5180</b>	<b>Digital Information and Innovation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Legal issues as they apply to online journalism.									
COM	JOUR	<b>JOUR</b>	<b>5190</b>	<b>Legal Issues of Online Journalism</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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COM	JOUR	<b>JOUR</b>	<b>5300</b>	<b>Magazine Editing and Production</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5300</b>	<b>Magazine Editing and Production</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5310</b>	<b>Reporting Public Issues</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5320</b>	<b>Specialized Business Media</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5350</b>	<b>Advanced Editing</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced management and production of content for journalistic media.									
COM	JOUR	<b>JOUR</b>	<b>5350</b>	<b>Advanced Editing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5380</b>	<b>Graphics and Audiences</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5390</b>	<b>Business Reporting</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5400</b>	<b>Strategic Communication Theory and Research</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Introduction to strategic communication theories and applied strategic communication research.									
COM	JOUR	<b>JOUR</b>	<b>5400</b>	<b>Strategic Communication Theory and Research</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Introduction to strategic communication theories and applied strategic communication research.									
COM	JOUR	<b>JOUR</b>	<b>5410</b>	<b>Magazine Feature Writing</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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COM	JOUR	<b>JOUR</b>	<b>5410</b>	<b>Magazine Feature Writing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Writing and marketing feature articles. Emphasis on long-form magazine journalism.									
COM	JOUR	<b>JOUR</b>	<b>5420</b>	<b>Advanced Magazine Feature Writing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5490</b>	<b>Economics Reporting</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5510</b>	<b>Corporate Social Responsibility</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	<b>JOUR</b>	<b>5530</b>	<b>Strategic Social Media</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Help students understand why and when to use social media for the purpose of building relationships and creating conversations with stakeholders and key audiences. Will build on the students' basic foundation of how to use social media tools, adding depth to their understanding through discussion of related strategic communication concepts and theories.									
COM	JOUR	<b>JOUR</b>	<b>5630</b>	<b>Media and Conflicts</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5630</b>	<b>Media and Conflicts</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5650</b>	<b>Opinion Writing</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5650</b>	<b>Opinion Writing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5660</b>	<b>International Mass Media</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5670</b>	<b>Foreign Correspondence</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5700</b>	<b>Sportswriting</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5700</b>	<b>Sportswriting</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>5790</b>	<b>Computer Assisted Reporting</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced class designed to introduce fundamentals of computer-assisted reporting, specifically using database analysis.									
COM	JOUR	<b>JOUR</b>	<b>5790</b>	<b>Computer Assisted Reporting</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5810</b>	<b>News Media Management</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5820</b>	<b>Strategic Communication Management for Advertising and PR Professionals</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Focuses on how to manage a strategic communication account.									
COM	JOUR	<b>JOUR</b>	<b>5820</b>	<b>Strategic Communication Management for Advertising and PR Professionals</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Focuses on how to manage a strategic communication account.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>JOUR</b>	<b>5840</b>	<b>Supervising School Publications</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5840</b>	<b>Supervising School Publications</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5850</b>	<b>Journalism in the Secondary School Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.	LEC	EL	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5850</b>	<b>Journalism in the Secondary School Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Intensive study and analysis of appropriate content for high school journalism courses. Planning course outlines and curricula.	LEC	LE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5860</b>	<b>Strategic Communication Capstone</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Capstone in Strategic Communication track to provide thorough understanding of basic elements of advertising and public relations campaigns. Includes creation of campaign.	LEC	LE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5870</b>	<b>News and Information Capstone</b> ELIGIBLE GRADES: A-F COURSE DESC: This capstone, for the News and Information track, will be multimedia project-based that will synthesize information gathering, critical thinking, writing and production, and research and theory skills gained throughout the curriculum.	LEC	LE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5900</b>	<b>Special Issues and Topics in Journalism</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5900</b>	<b>Special Issues and Topics in Journalism</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5901</b>	<b>Topical Journalism</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5901</b>	<b>Topical Journalism</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5920</b>	<b>Advanced Multimedia Reporting Practicum</b> ELIGIBLE GRADES: A-F 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.	PRA	PR	3	0		I	G50		0
COM	JOUR	<b>JOUR</b>	<b>5921</b>	<b>Advanced Multimedia News Editing Practicum</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	3	0		I	G50		0
COM	JOUR	<b>JOUR</b>	<b>5922</b>	<b>Seminar in Broadcast News</b> ELIGIBLE GRADES: A-F COURSE DESC: Discussion of issues and problems: operational, social, economic, legal, and ethical, faced by broadcast and electronic media journalists.	SEM	SE	3	0		N	G50		0
COM	JOUR	<b>JOUR</b>	<b>5923</b>	<b>Seminar in Online Journalism</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	3	0		I	G50		0
COM	JOUR	<b>JOUR</b>	<b>5923</b>	<b>Seminar in Online Journalism</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		I	G50		0

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COM	JOUR	<b>JOUR</b>	<b>6010</b>	<b>Graphics and Editing</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	TUT	TU	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	TUT	TU	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop on selected topics of journalism and mass communication.									
COM	JOUR	<b>JOUR</b>	<b>6890</b>	<b>Journalism Workshop</b>	PRA	PR	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	JOUR	<b>JOUR</b>	<b>6900</b>	<b>Special Topics in Journalism</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	JOUR	<b>JOUR</b>	<b>6910</b>	<b>Graduate Internship</b>	FLD	FE	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Practical experience at an approved professional media or research outlet.									
COM	JOUR	<b>JOUR</b>	<b>6940</b>	<b>Research in Journalism and Communications</b>	RSC	RS	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Topical independent research in journalism and mass communications.									
COM	JOUR	<b>JOUR</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 9	10		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Thesis research.									
COM	JOUR	<b>JOUR</b>	<b>7200</b>	<b>Ethics, Mass Media, and Society</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7200</b>	<b>Ethics, Mass Media, and Society</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	9		N	G50		0
		ELIGIBLE GRADES:		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.									



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COM	JOUR	<b>JOUR</b>	<b>7900</b>	<b>Seminar in Special Topics</b>	SEM	SE	3	9		N	G50		0
		ELIGIBLE GRADES:		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	EL	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Content varies.									
COM	JOUR	<b>JOUR</b>	<b>7930</b>	<b>Independent Study</b>	IND	IS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Content varies.									
COM	JOUR	<b>JOUR</b>	<b>7950</b>	<b>Journalism Teaching Seminar</b>	SEM	SE	1	3		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Techniques for study of communication content, message sources, audiences, and effects.									
COM	JOUR	<b>JOUR</b>	<b>8060</b>	<b>Research Methods</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	JOUR 5100 or 5190						
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Directed reading and discussion of literature covering major themes critical and/or explanatory of media performance, chiefly from 20th- and 21st- centuries.									
COM	JOUR	<b>JOUR</b>	<b>8140</b>	<b>Literature of Journalism</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Directed reading and discussion of literature covering major themes critical and/or explanatory of media performance, chiefly from 20th- and 21st- centuries.									
COM	JOUR	<b>JOUR</b>	<b>8150</b>	<b>Seminar in Theory of Freedom of the Press</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>8150</b>	<b>Seminar in Theory of Freedom of the Press</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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COM	JOUR	<b>JOUR</b>	<b>8160</b>	<b>Seminar in Mass Media Research</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: JOUR 8060									
				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>8160</b>	<b>Seminar in Mass Media Research</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: JOUR 8060									
				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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				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>8210</b>	<b>Seminar in Content Analysis</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>8300</b>	<b>Seminar in Magazine Research and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>8660</b>	<b>Seminar in International Mass Media</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	4	9		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: JOUR 8030 or 8060									
				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>	THE	TH	1 to 12	15		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Research work on dissertation.									
COM	JOUR	<b>T3</b>	<b>4360</b>	<b>Mass Political Communication</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only									
				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>4360</b>	<b>Mass Political Communication</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only									
				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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 6 Hours in Tier II Social Science and Sr only									
				Draws on mass media studies, international studies, and women's studies to gain insight into gender roles portrayed in other nations' mass media.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	JOUR	<b>T3</b>	<b>4361</b>	<b>Gender Roles and Global Media</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	3 Hours Tier II Social Sciences and 3 hours Humanities and Literature and Sr only						
		COURSE DESC:		Examines the phenomenon of myth-making on the Internet and how the viral nature of the medium allows information to spread and gain credibility with very little substance or sourcing. A look at how the "urban legend" goes digital.									
COM	JOUR	<b>T3</b>	<b>4362</b>	<b>Examining Internet Myths</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	3 Hours Tier II Social Sciences and 3 hours Humanities and Literature and Sr only						
		COURSE DESC:		Examines the phenomenon of myth-making on the Internet and how the viral nature of the medium allows information to spread and gain credibility with very little substance or sourcing. A look at how the "urban legend" goes digital.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>1010</b>	<b>The Evolution of Media</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: no credit if JOUR 1010							
		COURSE DESC:		Investigate the history of the media from its inception in the 1840s to the convergence of digital media. Emphasis on the evolution of a mediated society and culture.									
COM	MDIA	<b>MDIA</b>	<b>1020</b>	<b>Media and the Creative Process</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Applied Communication major or (C or better in MDIA 1010) or FILM 2010							
		COURSE DESC:		Introduces the process of creating media products. Examines how different media industries approach the creative process, how media artists find creative inspiration, and how to locate and utilize a variety of resources to express a creative vision for media audiences/buyers.									
COM	MDIA	<b>MDIA</b>	<b>1091</b>	<b>Introduction to Mass Media</b>	LEC	LE	3	0	2SS	N			0
		ELIGIBLE GRADES:		A-F	REQUISITE:	WARNING: no credit if JOUR 1010 or JOUR 1050							
		COURSE DESC:		Overview of American media industries from economic and cultural-critical perspectives. Examines organizational structures, delivery systems, programming, government regulation, technological functions, and social impact of media.									
COM	MDIA	<b>MDIA</b>	<b>1100</b>	<b>Introduction to Digitality</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Deep exploration of the digital environment, including hardware and software tools used to manipulate digital media in the computerized production process.									
COM	MDIA	<b>MDIA</b>	<b>1100</b>	<b>Introduction to Digitality</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Deep exploration of the digital environment, including hardware and software tools used to manipulate digital media in the computerized production process.									
COM	MDIA	<b>MDIA</b>	<b>1200</b>	<b>Audio Production Basics</b>	LEC	EL	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MDIA 1010 and MDIA Major.							
		COURSE DESC:		Introduce students to basic audio theory and production.									
COM	MDIA	<b>MDIA</b>	<b>1200</b>	<b>Audio Production Basics</b>	LEC	LE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MDIA 1010 and MDIA Major.							
		COURSE DESC:		Introduce students to basic audio theory and production.									
COM	MDIA	<b>MDIA</b>	<b>1300</b>	<b>Digital Media Production Basics</b>	LEC	LE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MDIA 1010 and MDIA Major.							
		COURSE DESC:		Introduce students to basic digital media theory and production.									
COM	MDIA	<b>MDIA</b>	<b>1400</b>	<b>Video Production Basics</b>	SEM	SE	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in MDIA 1010 and MDIA Major.							
		COURSE DESC:		Introduce students to basic video theory and production.									
COM	MDIA	<b>MDIA</b>	<b>2010</b>	<b>Media Analysis and Criticism</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	Soph or Jr or Sr							
		COURSE DESC:		Provides an intensive overview of how business is conducted in the media industries. Examine 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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		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?									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>2110</b>	<b>Media Theory and Research</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2010 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>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>2113</b>	<b>Social Media Introduction</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the ways Information and Communication Technologies (ICTs) are being used to bring about social change. In an age when digital networks and social media interlink individuals, groups and community organizations, students are asked to research, write about, and discuss the role played by the Internet, wireless media, fiber optics, satellites and digital devices in the empowerment of citizens. Historical, economic, cultural, and programmatic analysis of case studies will be used as a basis for understanding theory.									
COM	MDIA	<b>MDIA</b>	<b>2150</b>	<b>Media Globalization</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2010 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>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Investigates the history of the U. S. broadcast media from the inception of telegraphy (1844), through transition periods that encompass radiotelegraphy and radio telephony (1906-1920), the beginning of broadcast radio (1922) and the subsequent rise of radio networks (1928-1948); television's initial development (1928-1939), and the proliferation of broadcast platforms including public broadcasting, cable and satellite transmission (1948-present).									

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COM	MDIA	<b>MDIA</b>	<b>2161</b>	<b>History of Prime Time Television I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Two-part course that covers the growth and development, expansion, and consolidation (Prime Time II) of our broadcast television system-including public television, cable, satellite, and the Internet. The class follows program trends, developments, and innovations. Particular attention is placed on each broadcast year, contextualizing the impact of new technology, regulations, genre expansion, and the emergence of new network platforms. This study is enhanced by the use of Television texts (programs) from kinescopes to high definition TV programs.									
COM	MDIA	<b>MDIA</b>	<b>2162</b>	<b>History of Prime Time Television II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Continuation of MDIA 2161. Focus is on the expansion of our broadcast networks through the additions of public broadcasting, cable networks, the creation of new distribution platforms (e.g. Fox CNBC, UPN, MSNBC, and the cable-satellite networks), as well as exploration of the future potential for a television-Internet convergence.									
COM	MDIA	<b>MDIA</b>	<b>2170</b>	<b>Media and Identity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduce students to the way the media construct and represent various social and cultural identities. It begins with the premise that understanding the way media represent individuals and groups is important to recognizing how we perceive those in the world around us.									
COM	MDIA	<b>MDIA</b>	<b>2171</b>	<b>African-American Televisual Images</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Investigates the construction of televisual imagery, stereotypes, and counter-images of African-American people from the inception of the television age (1948) to the present.									
COM	MDIA	<b>MDIA</b>	<b>2200</b>	<b>Script Analysis and Production Planning</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Using standard screenwriting procedures as a litmus test, students learn how to analyze narrative scripts for their production potential. Selected scripts are used as examples to teach students how to budget and preproduce scripts for production, while simultaneously developing marketing and distribution plans.									
COM	MDIA	<b>MDIA</b>	<b>2200</b>	<b>Script Analysis and Production Planning</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Using standard screenwriting procedures as a litmus test, students learn how to analyze narrative scripts for their production potential. Selected scripts are used as examples to teach students how to budget and preproduce scripts for production, while simultaneously developing marketing and distribution plans.									
COM	MDIA	<b>MDIA</b>	<b>2201</b>	<b>Short Form Media Scriptwriting</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): FILM 3430 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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1200 and (MDIA 1300 or 1400 or 2900) or (EM 2110 and EM 2111) Provide the technical background and practical techniques required of the successful record producer. Audio basics, microphones (types and uses), outboard gear, console signal flow and working with Digital Audio Workstations (DAWs) are covered. The course culminates in student participation in an instructor-led recording, during which the technology and techniques covered in class are reinforced. Assignments include simple recording and mixing projects.									
COM	MDIA	<b>MDIA</b>	<b>2305</b>	<b>Recording Industry Survey</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>2401</b>	<b>Digital Game Design</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1300 and (MDIA 1200 or 1400 or 2900) or (EM 2110 and EM 2111) Exploration of the game design process. Develop a more accurate and concrete sense of the skills and processes involved in game design through discussion and research. By the end of the semester, each student will have designed, prototyped, and play-tested a game.									
COM	MDIA	<b>MDIA</b>	<b>2500</b>	<b>Animation I</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									

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COM	MDIA	<b>MDIA</b>	<b>2701</b>	<b>Visual Storytelling</b>	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the way in which color, line, shape, space, movement, and visual rhythm are used to explore and emphasize narrative stories as they move from script to screen.									
COM	MDIA	<b>MDIA</b>	<b>2701</b>	<b>Visual Storytelling</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the way in which color, line, shape, space, movement, and visual rhythm are used to explore and emphasize narrative stories as they move from script to screen.									
COM	MDIA	<b>MDIA</b>	<b>2800</b>	<b>Digital Video Postproduction</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Deep exploration of the processes and tools of digital nonlinear editing of video material. Prepares you for Apple Certification. Preference for those interested in post/ effects as a specialty.									
COM	MDIA	<b>MDIA</b>	<b>2900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>2900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>2901X</b>	<b>Live &amp; Remote Music Recording</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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 experimental learning opportunities in live and remote music recording of both School of Music and community events.									
COM	MDIA	<b>MDIA</b>	<b>2901X</b>	<b>Live &amp; Remote Music Recording</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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 experimental learning opportunities in live and remote music recording of both School of Music and community events.									
COM	MDIA	<b>MDIA</b>	<b>2930</b>	<b>Independent Study</b>	IND	IS	1 to 6	12		N	U20		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study									
COM	MDIA	<b>MDIA</b>	<b>2970T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	<b>MDIA</b>	<b>2971T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	<b>MDIA</b>	<b>2980T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	<b>MDIA</b>	<b>2981T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized tutorial for HTC students only.									
COM	MDIA	<b>MDIA</b>	<b>3080</b>	<b>Technical Bases of Media</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The goals and processes used by media businesses to develop, evaluate, distribute, schedule, promote, and market media content to various audiences.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>3105</b>	<b>Audience Research</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2011 or BC5374 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>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2010 and (Jr or Sr) 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>3110</b>	<b>Advanced Media Criticism</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2010 and (Jr or Sr) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>3111</b>	<b>Media Phenomenology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	SEM	EL	3	0		N	U30		30
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2113 and (Jr or Sr) 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>3122</b>	<b>Content Curation</b>	SEM	SE	3	0		N	U30		30
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2113 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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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COURSE LISTING  
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COM	MDIA	<b>MDIA</b>	<b>3201</b>	<b>Screenwriting: the Adaptation</b>	SEM	SE	3	0	1JE	N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MDIA 2200 or 2201 or 2202 or FILM 3430) and completion of Tier I English 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>	SEM	SE	3	6	1JE	N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MDIA 2200 or 2201 or 2202 or FILM 3430) and completion of Tier I English 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 220 or 2300 The follow up to Music Production & Technology 1. Advanced instruction in specific popular music multitrack recording techniques (drums, guitars, keyboards, and additional acoustic instrumentation), midi, looping and sampling techniques, DAW techniques, outboard processing gear, and session management. Also covered are practical concerns such as producer/artist agreements and project budgeting.									
COM	MDIA	<b>MDIA</b>	<b>3303</b>	<b>Sound for Moving Image</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1200 and (MDIA 1300 or 1400 or 2900) or (EM 2110 and EM 2111) 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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 3300 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>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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>3306</b>	<b>Business of Selling Music: Record Labels, Distribution, and Marketing</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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>3307</b>	<b>Music Publishing and Licensing for Media Productions</b>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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>3307</b>	<b>Music Publishing and Licensing for Media Productions</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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>3308</b>	<b>Commerce and Economies of the Music Recording Industry</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2305 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.									

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COM	MDIA	<b>MDIA</b>	<b>3380</b>	<b>Technical Bases of Electronic Media Laboratory</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 3080 and WARNING: not MDIA 308L 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 3080 and WARNING: not MDIA 308L 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>3401</b>	<b>Game Development I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2401 An exploration of all aspects of 3D game development. Topics include: file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part two of three in the game development sequence.									
COM	MDIA	<b>MDIA</b>	<b>3500</b>	<b>3D Modeling and Animation II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MDIA 2500 Continuation of the introduction to the basic principles of 3D computer modeling and animation started in 3D I. Introduces the topics of rigging, texturing, lighting, and animation.									
COM	MDIA	<b>MDIA</b>	<b>3600</b>	<b>Producing for Video</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2100 or MDIA 2200 Focuses on the role of the producer in the video and film industries. Particular attention is placed on developing marketable ideas, research, production planning, budgeting, and pitching.									
COM	MDIA	<b>MDIA</b>	<b>3700</b>	<b>Intermediate Video Production</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2700 Prepares students for work in the video production profession and further their knowledge of single-camera video, field production techniques. Students will develop their creative voice and storytelling abilities.									
COM	MDIA	<b>MDIA</b>	<b>3701</b>	<b>Directing the Narrative Scene: Director Preparation and Pre-Visualization</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2200 Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.									
COM	MDIA	<b>MDIA</b>	<b>3701</b>	<b>Directing the Narrative Scene: Director Preparation and Pre-Visualization</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2200 Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.									
COM	MDIA	<b>MDIA</b>	<b>3702</b>	<b>Multicamera Producing and Directing</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111) An intensive, practical introduction to studio directing. All students direct a variety of program formats, including interviews, demonstrations, scripted shows and live current affairs productions. Develop producing and directing skills, to communicate effectively over talkback, to acquire good time management skills, and to write studio camera scripts.									
COM	MDIA	<b>MDIA</b>	<b>3705</b>	<b>Writing and Producing the Non-Fiction Video Podcast Series</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or (EM 2110 and EM 2160)) and (MDIA 2200 or MDIA 2201 or FILM 3430) Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based non-fiction projects.									
COM	MDIA	<b>MDIA</b>	<b>3800</b>	<b>The Craft of Editing</b>	SEM	SE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2800 Involves students in a hands-on deep exploration of the rationales and conventions of various editing styles. Includes dialogue, action, chases and fights, comedy, documentary, and music video.									
COM	MDIA	<b>MDIA</b>	<b>3807</b>	<b>The Art of Editing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2010 or FILM 2010 or 2020 Move beyond the technical, button-pushing side of film and video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing films, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.									

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COM	MDIA	<b>MDIA</b>	<b>3810</b>	<b>Women and the Media</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>3910</b>	<b>On-Campus Practicum</b> ELIGIBLE GRADES: CR, F COURSE DESC: Practical experience in Ohio University media facilities.	FLD	FE	1	6		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>3911</b>	<b>Off-Campus Practicum</b> ELIGIBLE GRADES: CR, F COURSE DESC: Practical experience in off-campus media facilities. May be taken during breaks or in summer. Students are required to submit a proposal and work at least 40 hours.	FLD	FE	1	6		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>3970T</b>	<b>Media Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Individualized tutorial for HTC students only.	TUT	TU	1 to 15	999		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>3980T</b>	<b>Media Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Individualized tutorial for HTC students only.	TUT	TU	1 to 15	999		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>4011</b>	<b>Media and the Digital Divide</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0	3	N	U30		0
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> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>4015</b>	<b>Media and Development</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	U30		75
COM	MDIA	<b>MDIA</b>	<b>4100</b>	<b>Communications Media Law and Regulations</b> ELIGIBLE GRADES: A-F COURSE DESC: Sociopolitical control of telecommunications; effects of law and regulations upon telecommunications policy and operation.	LEC	LE	3	0		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>4120</b>	<b>Advanced Social Media</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	3	0		N	U30		50
COM	MDIA	<b>MDIA</b>	<b>4120</b>	<b>Advanced Social Media</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	U30		50
COM	MDIA	<b>MDIA</b>	<b>4140</b>	<b>New Media and Communication Technologies</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	MDIA	<b>MDIA</b>	<b>4141</b>	<b>Satellite Media and Communications</b> ELIGIBLE GRADES: A-F COURSE DESC: Role of satellites in global communications from historical, technical, regulatory, economic, political, and programmatic perspectives.	LEC	LE	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>4170</b>	<b>Media and the Muslim World</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4170</b>	<b>Media and the Muslim World</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	1JE	N	U30		50
		ELIGIBLE GRADES:		A-F									
		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>	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		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>4305</b>	<b>Recording Studio Design &amp; Maintenance</b>	SEM	SE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		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>4401</b>	<b>Game Development II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An exploration of all aspects of 3D game development. Topics include file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams of four or five students. This course is part three of three in the game development sequence.									
COM	MDIA	<b>MDIA</b>	<b>4405</b>	<b>Digital Media Capstone</b>	SEM	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Junior and Senior level advanced animation and game development portfolio projects.									
COM	MDIA	<b>MDIA</b>	<b>4405</b>	<b>Digital Media Capstone</b>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Junior and Senior level advanced animation and game development portfolio projects.									
COM	MDIA	<b>MDIA</b>	<b>4500</b>	<b>Narrative Animation</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		A continuation of the introduction to the advanced principles of 3D computer modeling and animation started in 3D I and 3D II. Builds on the topics of rigging, texturing, lighting, and animation.									
COM	MDIA	<b>MDIA</b>	<b>4600</b>	<b>The Business of Hollywood</b>	LEC	LE	3	0		D	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									

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COURSE LISTING  
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COM	MDIA	<b>MDIA</b>	<b>4601</b>	<b>The Development Process for the Creative Industries</b>	LEC	EL	3	0		D	U30		0
		ELIGIBLE GRADES:		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>4601</b>	<b>The Development Process for the Creative Industries</b>	LEC	LE	3	0		D	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4719</b>	<b>Advanced Narrative Production</b>	SEM	SE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	U30		75
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 2400 or 2800						
		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>4860</b>	<b>Colloquium in Media</b>	LEC	EL	1 to 4	18		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Intensive study of special topics in field of media.									
COM	MDIA	<b>MDIA</b>	<b>4860</b>	<b>Colloquium in Media</b>	LEC	LE	1 to 4	18		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Intensive study of special topics in field of media.									
COM	MDIA	<b>MDIA</b>	<b>4900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>4900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>4901</b>	<b>Special Topics in Media and Social Change</b>	LEC	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2010 and (MDIA 2112 or 4150) 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>4901</b>	<b>Special Topics in Media and Social Change</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2010 and (MDIA 2112 or 4150) 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>	LEC	EL	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2200 or 2201 or 2202 or 2701 Covers a variety of ever-changing topics in Screenwriting and Producing. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as recording industry, Web media management and managing the creative team, media leadership development, etc.									
COM	MDIA	<b>MDIA</b>	<b>4902</b>	<b>Special Topics in Screenwriting and Producing</b>	LEC	LE	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 2200 or 2201 or 2202 or 2701 Covers a variety of ever-changing topics in Screenwriting and Producing. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as recording industry, Web media management and managing the creative team, media leadership development, etc.									
COM	MDIA	<b>MDIA</b>	<b>4903</b>	<b>Special Topics in Music Production and Recording Industry</b>	LEC	EL	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1200 or MDIA 2305 Covers a variety of ever-changing topics in Music Production and the Recording Industry. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as record production, audio engineering and producing, technical advances, etc.									
COM	MDIA	<b>MDIA</b>	<b>4903</b>	<b>Special Topics in Music Production and Recording Industry</b>	LEC	LE	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1200 or MDIA 2305 Covers a variety of ever-changing topics in Music Production and the Recording Industry. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as record production, audio engineering and producing, technical advances, etc.									
COM	MDIA	<b>MDIA</b>	<b>4904</b>	<b>Special Topics in Integrated Media</b>	LEC	EL	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1010 and (MDIA 1200 or 1300 or 1400) Covers a variety of ever-changing topics in integrated media production. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as lighting design for video, 3-D video production, marketing the short video, etc.									
COM	MDIA	<b>MDIA</b>	<b>4904</b>	<b>Special Topics in Integrated Media</b>	LEC	LE	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MDIA 1010 and (MDIA 1200 or 1300 or 1400) Covers a variety of ever-changing topics in integrated media production. These will be special offerings based on faculty expertise/research/creative area, availability of visiting professionals, interest of the student body, and demand based on current trends in such areas as lighting design for video, 3-D video production, marketing the short video, etc.									
COM	MDIA	<b>MDIA</b>	<b>4905</b>	<b>Special Topics in Games and Animation</b>	LEC	EL	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MDIA 1010 or 100 or 101) and 1020 and (1300 ro 250) 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>4905</b>	<b>Special Topics in Games and Animation</b>	LEC	LE	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (MDIA 1010 or 100 or 101) and 1020 and (1300 ro 250) 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>	FLD	FE	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required 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>4930</b>	<b>Special Problems</b>	IND	EL	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required Seminar contents varies based on individual student interest and proposal of study.									
COM	MDIA	<b>MDIA</b>	<b>4930</b>	<b>Special Problems</b>	IND	IS	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required Seminar contents varies based on individual student interest and proposal of study.									

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COM	MDIA	<b>MDIA</b>	<b>4931</b>	<b>Independent Production Projects</b>	IND	EL	1 to 3	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MDIA major									
				Independent projects in media production.									
COM	MDIA	<b>MDIA</b>	<b>4931</b>	<b>Independent Production Projects</b>	IND	IS	1 to 3	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MDIA major									
				Independent projects in media production.									
COM	MDIA	<b>MDIA</b>	<b>4932</b>	<b>Independent Readings in Media</b>	IND	EL	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required									
				Seminar contents varies.									
COM	MDIA	<b>MDIA</b>	<b>4932</b>	<b>Independent Readings in Media</b>	IND	IS	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required									
				Seminar contents varies.									
COM	MDIA	<b>MDIA</b>	<b>4970T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				Honors Tutorial on topics in Media.									
COM	MDIA	<b>MDIA</b>	<b>4980T</b>	<b>Media Tutorial</b>	TUT	TU	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				Honors Tutorial on topics in Media.									
COM	MDIA	<b>MDIA</b>	<b>5011</b>	<b>Media and the Digital Divide</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>5011</b>	<b>Media and the Digital Divide</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>5111</b>	<b>Media Phenomenology</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5135</b>	<b>Documentary Genres</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the role of digital technologies and broadband networks in the implementation of modern media and communication services. Emerging applications in telephony, cable, wireless, satellite, broadcasting, Internet and multimedia are highlighted.									
COM	MDIA	<b>MDIA</b>	<b>5141</b>	<b>Satellite Media and Communication</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An overview on the role of space satellites in global media and communication from historical, technical, regulatory, economic, cultural and programmatic perspectives.									
COM	MDIA	<b>MDIA</b>	<b>5150</b>	<b>Media and Globalization</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course highlights fundamental issues and debates regarding the relationships between media and globalization. Through lectures, readings, and critically examining media content in various forms (e.g. excerpts from motion pictures, web-based content, music, etc.), students explore and evaluate various perspectives regarding media and globalization. The course examines relationships between media and globalization over time, at various geographic scales, across a range of national contexts, and from assorted stakeholders' perspectives. At the same time, it broadly considers the social, political, economic, and cultural linkages between media and globalization.									
COM	MDIA	<b>MDIA</b>	<b>5150</b>	<b>Media and Globalization</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course highlights fundamental issues and debates regarding the relationships between media and globalization. Through lectures, readings, and critically examining media content in various forms (e.g. excerpts from motion pictures, web-based content, music, etc.), students explore and evaluate various perspectives regarding media and globalization. The course examines relationships between media and globalization over time, at various geographic scales, across a range of national contexts, and from assorted stakeholders' perspectives. At the same time, it broadly considers the social, political, economic, and cultural linkages between media and globalization.									
COM	MDIA	<b>MDIA</b>	<b>5160</b>	<b>History of Computer Graphics</b>	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5170</b>	<b>Media and the Muslim World</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>5170</b>	<b>Media and the Muslim World</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Historical development, current status, and challenges to public media.									
COM	MDIA	<b>MDIA</b>	<b>5172</b>	<b>Public Media: Past, Present, and Future</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Historical development, current status, and challenges to public media.									
COM	MDIA	<b>MDIA</b>	<b>5175</b>	<b>Media &amp; Sexual Representation</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Addresses ways that media shape templates of sexuality, gender, and eroticism, and how their representations reflect the imperatives of culture, the ephemerality of fashion, and the limitations of law.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>5176</b>	<b>Technology, Communication, and Culture</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines ways in which communication technologies shape and structure a culture, and also ways in which a culture, in turn, uses those technologies first to stabilize itself and second to discover meaning.									
COM	MDIA	<b>MDIA</b>	<b>5176</b>	<b>Technology, Communication, and Culture</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines ways in which communication technologies shape and structure a culture, and also ways in which a culture, in turn, uses those technologies first to stabilize itself and second to discover meaning.									
COM	MDIA	<b>MDIA</b>	<b>5301</b>	<b>Music Production &amp; Technology</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5100 or permission						
		COURSE DESC:		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>5301</b>	<b>Music Production &amp; Technology</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5100 or permission						
		COURSE DESC:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5301						
		COURSE DESC:		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>5302</b>	<b>Music Production: Mixing and Delivery</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5301						
		COURSE DESC:		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>5401</b>	<b>Game Development I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5100 or permission						
		COURSE DESC:		An exploration of introductory aspects of 3D game development. Topics include: file and project management, terrain modeling and painting, interior and object modeling and animating, character integration, GUI editing, sound and music basics, and scripting fundamentals. The main project is one of four designs that will be developed by teams.									
COM	MDIA	<b>MDIA</b>	<b>5402</b>	<b>Game Development II</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5401						
		COURSE DESC:		An exploration of advanced aspects of 3D game development. Topics include advanced file and project management, intermediate terrain modeling and painting, intermediate interior and object modeling and animating, advanced character integration, GUI editing, sound and music, and intermediate scripting. The second in a series of classes on this topic.									
COM	MDIA	<b>MDIA</b>	<b>5402</b>	<b>Game Development II</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5401						
		COURSE DESC:		An exploration of advanced aspects of 3D game development. Topics include advanced file and project management, intermediate terrain modeling and painting, intermediate interior and object modeling and animating, advanced character integration, GUI editing, sound and music, and intermediate scripting. The second in a series of classes on this topic.									
COM	MDIA	<b>MDIA</b>	<b>5405</b>	<b>Games Development and Animation III</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5402						
		COURSE DESC:		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>5405</b>	<b>Games Development and Animation III</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5402						
		COURSE DESC:		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>	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5100 or permission						
		COURSE DESC:		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.									

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COM	MDIA	<b>MDIA</b>	<b>5501</b>	<b>Animation</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MDIA 5100 or permission						
		COURSE DESC:		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>	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5502</b>	<b>Animation II</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5502</b>	<b>Animation II</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	DIS	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5680</b>	<b>Action Research</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>5700</b>	<b>Single Camera Video Field Production</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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COM	MDIA	<b>MDIA</b>	<b>5701</b>	<b>Producing for Video, Web and New Media</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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 Video Podcast Series</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based projects.									
COM	MDIA	<b>MDIA</b>	<b>5705</b>	<b>Writing and Producing the Video Podcast Series</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Explores the process of writing, preproducing, creating, and distributing a multi-episodic video podcast series for client-based projects.									
COM	MDIA	<b>MDIA</b>	<b>5706</b>	<b>Nonfiction Video and Television Storytelling Production</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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.									
COM	MDIA	<b>MDIA</b>	<b>5750</b>	<b>Politics and Electronic Media</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores the complex interaction among the media, citizens, politicians, and other political actors, including how politicians use media in election campaigns, and how citizens and activists use media in the political process.									
COM	MDIA	<b>MDIA</b>	<b>5750</b>	<b>Politics and Electronic Media</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores the complex interaction among the media, citizens, politicians, and other political actors, including how politicians use media in election campaigns, and how citizens and activists use media in the political process.									
COM	MDIA	<b>MDIA</b>	<b>5801</b>	<b>Sound for Moving Image</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Explores the technical and aesthetic aspects of sound as it relates to the moving image. Mixing to picture, SMPTE synchronization to video, Foley, sound effects, dialogue replacement, and music for picture will all be covered.									
COM	MDIA	<b>MDIA</b>	<b>5802</b>	<b>Video Editing Aesthetics</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Move beyond the technical side of video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing digital programming, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.									
COM	MDIA	<b>MDIA</b>	<b>5802</b>	<b>Video Editing Aesthetics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		Move beyond the technical side of video editing to explore the aesthetic and storytelling choices faced by the editor. Through analyses of existing digital programming, theoretical exercises and research on current editing practitioners, students will gain an understanding of what the editor contributes to the storytelling process.									
COM	MDIA	<b>MDIA</b>	<b>5803</b>	<b>Media and Web Delivery</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		This course examines the design and production issues of web-based media and the business of online distribution within the context of traditional distribution channels (e.g.: blogging, webcasting, podcasting, viral videos, etc.).									
COM	MDIA	<b>MDIA</b>	<b>5803</b>	<b>Media and Web Delivery</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MDIA 5100 or VICO 6401							
		COURSE DESC:		This course examines the design and production issues of web-based media and the business of online distribution within the context of traditional distribution channels (e.g.: blogging, webcasting, podcasting, viral videos, etc.).									
COM	MDIA	<b>MDIA</b>	<b>5804</b>	<b>Motion Graphics</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	VICO 5400 or MDIA 5100							
		COURSE DESC:		Deep exploration of the design and creation of motion graphic elements using Apple Motion, LiveType, After Effects and a little PhotoShop. Composition, moving composition, typography, color, and other digital image design elements are addressed.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>5804</b>	<b>Motion Graphics</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5805</b>	<b>Advanced Digital Video Postproduction</b> ELIGIBLE GRADES: A-F COURSE DESC: Work individually and in collaborative teams in advanced post. Accomplished production students work with pre-existing material. The focus is creative editing strategies and expanded use of software applications from previous courses. One product is your portfolio reel.	LEC	EL	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5805</b>	<b>Advanced Digital Video Postproduction</b> ELIGIBLE GRADES: A-F COURSE DESC: Work individually and in collaborative teams in advanced post. Accomplished production students work with pre-existing material. The focus is creative editing strategies and expanded use of software applications from previous courses. One product is your portfolio reel.	LEC	LE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5810</b>	<b>Media and Identity</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces the students to the way media construct and represent social and cultural identities such as race, class, gender, age, and sexual orientation. Considers various theories of representation such as feminist theory, race theory, and white privilege.	SEM	SE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5900</b>	<b>Special Topics in Media Arts and Studies</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5900</b>	<b>Special Topics in Media Arts and Studies</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>5937</b>	<b>Independent Production Projects</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Independent production projects under the supervision of faculty. Advance project approval required.	IND	IS	1 to 12	999		I	G50		0
COM	MDIA	<b>MDIA</b>	<b>6000</b>	<b>Introduction to Graduate Study</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Prepares students for graduate study through analysis and discussion of research and teaching.	SEM	SE	1	2		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>6010</b>	<b>Introduction to Mass Communication Research</b> ELIGIBLE GRADES: A-F COURSE DESC: Concerned with basic principles of scholarly research in mass communication. Become familiar with general concepts and procedures employed in the main research methodologies of mass communication, and each is responsible for conducting and reporting his/her own formal pilot research project.	LEC	LE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>6020</b>	<b>Quantitative Comm Research</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasizes the principles, logic, underlying assumptions, and techniques of quantitative methodologies commonly employed in communication research. Deals both with research design and strategies of analysis.	LEC	LE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>6030</b>	<b>Qualitative Research Methods in Media Studies</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides an introduction to qualitative research methods, particularly as applied to mass communication and media culture research. Through readings, class discussions, and individual work, students will gain an appreciation of the complexity of qualitative research, and will begin to use these methods to conduct their own research.	LEC	LE	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>6080</b>	<b>Seminar in Communication and Development</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	4	0		N	G50		0
COM	MDIA	<b>MDIA</b>	<b>6080</b>	<b>Seminar in Communication and Development</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	4	0		N	G50		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>6081</b>	<b>Introduction to Theory in Communication and Development</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>6081</b>	<b>Introduction to Theory in Communication and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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 $\zeta$ Comm Dev $\zeta$ 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>6082</b>	<b>Introduction to Research in Communication and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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 $\zeta$ Comm Dev $\zeta$ 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		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>6090</b>	<b>Applied Research Methods in Communication and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		An introductory course for graduate students lacking production experience. Covers audio and video theory and terminology and production planning. Provides experience in audio and video production.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>6100</b>	<b>Introduction to Audio and Video Production</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		An introductory course for graduate students lacking production experience. Covers audio and video theory and terminology and production planning. Provides experience in audio and video production.									
COM	MDIA	<b>MDIA</b>	<b>6171</b>	<b>Children, Youth, and Media</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>6171</b>	<b>Children, Youth, and Media</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	SEM	EL	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Deep exploration into the creative and business decisions needed to write successful feature length screenplays and/or spec television scripts.									
COM	MDIA	<b>MDIA</b>	<b>6202</b>	<b>Professionals Screenwriting for TV and Film</b>	SEM	SE	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Deep exploration into the creative and business decisions needed to write successful feature length screenplays and/or spec television scripts.									
COM	MDIA	<b>MDIA</b>	<b>6900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>6900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>6901</b>	<b>Special Topics in Media Arts &amp; Studies</b>	SEM	SE	4	8		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Special offerings based on faculty expertise, availability of visiting professionals, student interest, and current trends.									
COM	MDIA	<b>MDIA</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 12	30		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Individual research on special problems. Projects must be approved prior to registration.									
COM	MDIA	<b>MDIA</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 8	9		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Research applicable to thesis									
COM	MDIA	<b>MDIA</b>	<b>7000X</b>	<b>Professional Seminar in Media Arts &amp; Studies</b>	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		This professional seminar provides students in MDIA with a forum to explore the roles of teacher, scholar, and practitioner; a structured approach to developing philosophies of teaching and service; and guidance in the preparation of scholarly manuscripts and effective teaching.									
COM	MDIA	<b>MDIA</b>	<b>7100</b>	<b>Management and Leadership in Media Industries</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Sociopolitical control of communications media; effects of laws, regulations, and public pressures upon policy.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>7610</b>	<b>Media Law and Regulations</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Concerns itself with policies and practices of domestic electronic media worldwide and the uses of electronic media in public diplomacy and in global media regimes. Presents a holistic perspective and emphasizes national doctrines, historical trends, cultural patterns, technologies, and programming, all placed within a comparative tradition.									
COM	MDIA	<b>MDIA</b>	<b>7700</b>	<b>Mass Communication Theory</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the intellectual genealogies and the factors that foster particular theoretical explanations of media's role in society. It begins with the early pragmatists and behaviorists of the early 1900s then moves to the influence of mid-century sociologists and finally considers the divergent theoretical paths taken in the 1970s.									
COM	MDIA	<b>MDIA</b>	<b>7720</b>	<b>Critical and Cultural Theory</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to critical and cultural theories of media, beginning with Marxist political economy through "posthuman" approaches to evolving information and communication technologies. Through readings, class discussions, and individual work, gain an appreciation of often complementary and sometimes contradictory theories. Readings include landmark research and writing in the field as well as empirical applications of the theories.									
COM	MDIA	<b>MDIA</b>	<b>7800</b>	<b>Seminar in Media Historical Research</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	RSC	RS	1 to 8	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individual research project under supervision of faculty.									
COM	MDIA	<b>MDIA</b>	<b>8010</b>	<b>Seminar in Pedagogy</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>8900</b>	<b>Special Topics in Media Arts and Studies</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
COM	MDIA	<b>MDIA</b>	<b>8901</b>	<b>Seminar in Media Research</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Intensive study of research methodologies in mass communication scholarship; individual projects.									
COM	MDIA	<b>MDIA</b>	<b>8930</b>	<b>Independent Study</b>	IND	IS	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		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>	THE	TH	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research applicable to dissertation.									

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COM	VICO	<b>VICO</b>	<b>1000</b>	<b>Introduction to Studies in Visual Communication</b>	LEC	LE	3	0	2HL	N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>1115</b>	<b>Visual Communication Design I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advances knowledge of information architecture and design theory as applied to publication design beyond the basics.									
COM	VICO	<b>VICO</b>	<b>1115</b>	<b>Visual Communication Design I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advances knowledge of information architecture and design theory as applied to publication design beyond the basics.									
COM	VICO	<b>VICO</b>	<b>1422</b>	<b>Visual Communication Photography</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>2161</b>	<b>Interactive I: Web Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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.									
COM	VICO	<b>VICO</b>	<b>2221</b>	<b>Commercial Photography I: Introduction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery. Cooperative buying fee.									



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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	<b>VICO</b>	<b>2401</b>	<b>Multimedia Production for Visual Communication</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2420</b>	<b>Visual Communication Topic Seminar I</b> ELIGIBLE GRADES: A-F, 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 course is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.	SEM	EL	1 to 6	12		N	U30		0
COM	VICO	<b>VICO</b>	<b>2420</b>	<b>Visual Communication Topic Seminar I</b> ELIGIBLE GRADES: A-F, 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 course is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.	SEM	SE	1 to 6	12		N	U30		0
COM	VICO	<b>VICO</b>	<b>2432</b>	<b>Visual Communication Business Practices</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the business side of visual communication with an emphasis on entrepreneurship.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2435</b>	<b>Visual Communication Picture Editing</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2500</b>	<b>Digital imaging: Using Photoshop</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2500</b>	<b>Digital imaging: Using Photoshop</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2514</b>	<b>Introduction to Basic Publication Design</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2521</b>	<b>Introduction to Basic Photography</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to the techniques and aesthetics of photography. This course is for non-VisCom majors.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2561</b>	<b>Introduction to Basic Web Design</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to the techniques and aesthetics of web design. This course is for non-VisCom majors only.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>2900</b>	<b>Special Topics in Visual Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
COM	VICO	<b>VICO</b>	<b>2900</b>	<b>Special Topics in Visual Communication</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
COM	VICO	<b>VICO</b>	<b>3111</b>	<b>Design II: Informational Graphics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>3115</b>	<b>Design III: Advanced Publication Design</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced study in information architecture through publication design. Cooperative buying fee.	LEC	LE	3	0		N	U30		0
COM	VICO	<b>VICO</b>	<b>3141</b>	<b>Illustration II: Editorial Illustration</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	<b>VICO</b>	<b>3173</b>	<b>Interactive III: Interactive Media</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2162 and JOUR 1330) Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered. Cooperative buying fee.									
COM	VICO	<b>VICO</b>	<b>3227</b>	<b>Commercial Photography II: Fashion and portraiture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2221 and JOUR 1330) The exploration and interpretation of the interaction of gesture, movement, and light in relation to capturing the essence of people and garments. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	<b>VICO</b>	<b>3228</b>	<b>Commercial Photography III: Still life and Architecture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 3227 An exploration of the principles of lighting and camera techniques for still life, interior design, and architectural image making. This course covers both studio and location photography. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	<b>VICO</b>	<b>3320</b>	<b>Photojournalism III: Motion and Sound</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2392) Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									
COM	VICO	<b>VICO</b>	<b>3320</b>	<b>Photojournalism III: Motion and Sound</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (VICO 2401 and 2392) Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.									
COM	VICO	<b>VICO</b>	<b>3360</b>	<b>Photojournalism in Scotland</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: C or better in VICO 2390 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>3360</b>	<b>Photojournalism in Scotland</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: C or better in VICO 2390 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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: C or better in VICO 2390 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>3420</b>	<b>Visual Communication Topic Seminar II</b>	SEM	EL	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (VICO 1021 or 1014) and C or better in 1000 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>3420</b>	<b>Visual Communication Topic Seminar II</b>	SEM	SE	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (VICO 1021 or 1014) and C or better in 1000 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: C or better in (VICO 2392 or 3228) Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									
COM	VICO	<b>VICO</b>	<b>3450</b>	<b>Visual Communication Traditional Darkroom techniques</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: C or better in (VICO 2392 or 3228) Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	<b>VICO</b>	<b>3921</b>	<b>Synthesis Storytelling for Visual Communication</b>	PRA	PR	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required and (Soph or Jr or Sr) and written proposal							
		COURSE DESC:		Will gather students from across disciplines to publish the journalistically-based multimedia publication Soul of Athens.									
COM	VICO	<b>VICO</b>	<b>3922</b>	<b>Synthesis Commercial Project for Visual Communication</b>	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required and (Soph or Jr or Sr) and written proposal							
		COURSE DESC:		A commercial photography-based practicum where students from various disciplines produce a published project.									
COM	VICO	<b>VICO</b>	<b>3923</b>	<b>Synthesis Design Project For Visual Communication</b>	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required and (Soph or Jr or Sr) and written proposal							
		COURSE DESC:		Will gather students from across disciplines to publish a design-based publication.									
COM	VICO	<b>VICO</b>	<b>3924</b>	<b>Synthesis Multimedia Project For Visual Communication</b>	PRA	PR	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required and (Soph or Jr or Sr) and written proposal							
		COURSE DESC:		A multimedia and delivery platform based practicum where students from various disciplines produce a published project.									
COM	VICO	<b>VICO</b>	<b>4112</b>	<b>Illustration Capstone: Advanced Informational Graphics</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in VICO 3228							
		COURSE DESC:		An advanced investigation of the principles of studio management and business practices. Areas of study will include copyright, computer usage, self promotion, and financial management while executing advanced illustration concept images in a simulated professional environment. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.									
COM	VICO	<b>VICO</b>	<b>4229</b>	<b>Advanced Photographic Illustration: Applications</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	<b>VICO</b>	<b>4387</b>	<b>Advanced Photographic Reportage</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in VICO 4386 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: VICO 1014 and 1021 and C or better in 1000 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>	TUT	TU	1 to 6	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and (Jr or Sr) 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>4900</b>	<b>Special Topics in Visual Communication</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>4930</b>	<b>Individual Study</b>	IND	IS	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 16 Hours in VICO and written proposal Individual course of study agreed upon with the permission and guidance of a faculty member. Written proposal required.									
COM	VICO	<b>VICO</b>	<b>5014</b>	<b>Information Design Basics</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5022 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>	LEC	LE	1	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MA or MSJ students only 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5022 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5111 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: VICO 5022 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5400 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5014 and 5022 Introduction to Web design will provide graduate students with an overview of Internet design and user-interface. The goal of the course is to provide students with the knowledge and analytical skills, technical skills, aesthetic, and creativity needed to successfully design for the Web.									
COM	VICO	<b>VICO</b>	<b>5162</b>	<b>Interactive II: Advanced Web Design</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5161 (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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	VICO	<b>VICO</b>	<b>5173</b>	<b>Interactive III: Interactive Media</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered. Cooperative buying fee.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5200</b>	<b>Video Capture for Commercial Photography</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This course will introduce commercial photography students to digital single-lens- reflex cameras as used for video capture; video photography techniques including camera and subject movement; and continuous-source lighting skills. Much of class time will be spend in the studio or on location doing hands-on work practicing video capture and lighting techniques.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5221</b>	<b>Commercial Photography I: Introduction</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5227</b>	<b>Commercial Photography II: Fashion and portraiture</b> ELIGIBLE GRADES: A-F, 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. Cooperatiave buying fee.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5228</b>	<b>Commercial Photography III: Still life and Architecture</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5320</b>	<b>Photojournalism III: Motion and Sound</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.	LEC	EL	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5320</b>	<b>Photojournalism III: Motion and Sound</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5321</b>	<b>Documentary and Essay Photojournalism</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5360</b>	<b>Photojournalism in Scotland</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	4	8		N	G40		0
COM	VICO	<b>VICO</b>	<b>5360</b>	<b>Photojournalism in Scotland</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	8		N	G40		0
COM	VICO	<b>VICO</b>	<b>5361</b>	<b>Photojournalism in Scotland II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	8		N	G40		0
COM	VICO	<b>VICO</b>	<b>5381</b>	<b>Editorial Photography</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0

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COM	VICO	<b>VICO</b>	<b>5382</b>	<b>The Photographic Essay</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5386</b>	<b>Photojournalism Story</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5387</b>	<b>Advanced Photographic Reportage: Magazine</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	5	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5387</b>	<b>Advanced Photographic Reportage: Magazine</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	5	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5394</b>	<b>Small Systems Lighting</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Will explore the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image. Students will experiment with a variety of lighting styles as they acquire the skills of using dedicated electronic flash units and portable lighting systems. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.	LEC	EL	3	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5394</b>	<b>Small Systems Lighting</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Will explore the history, aesthetics, and techniques of using artificial strobe light as it applies to the still photographic image. Students will experiment with a variety of lighting styles as they acquire the skills of using dedicated electronic flash units and portable lighting systems. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.	LEC	LE	3	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5400</b>	<b>Illustration I: Digital Imaging</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5401</b>	<b>Aspects of Photo Communication</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	1 to 6	18		I	G40		0
COM	VICO	<b>VICO</b>	<b>5435</b>	<b>Visual Communication Picture Editing</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5450</b>	<b>Visual Communication Traditional Darkroom Techniques</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.	LEC	EL	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5450</b>	<b>Visual Communication Traditional Darkroom Techniques</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Exploration of traditional photographic darkroom techniques. Darkroom use fees applies.	LEC	LE	4	0		N	G40		0
COM	VICO	<b>VICO</b>	<b>5514</b>	<b>Introduction to Basic Publication Design</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0

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COM	VICO	<b>VICO</b>	<b>5561</b>	<b>Introduction to Basic Web Design</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: No credit if VICO major Introduction to the techniques and aesthetics of web design. This course is for non-VisCom majors only.									
COM	VICO	<b>VICO</b>	<b>5900</b>	<b>Special Topics in Visual Communication</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>5900</b>	<b>Special Topics in Visual Communication</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>6188</b>	<b>Interactive Capstone: Advanced Interactive Media</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5173 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5228 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5228 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5022 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: VICO 5022 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Management techniques and issues in the visual communication environment.									
COM	VICO	<b>VICO</b>	<b>6900</b>	<b>Special Topics in Visual Communication</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>6900</b>	<b>Special Topics in Visual Communication</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
COM	VICO	<b>VICO</b>	<b>6921</b>	<b>Synthesis Storytelling for Visual Communication</b>	PRA	PR	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Written proposal and permission 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>	PRA	PR	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Written proposal and permission A commercial photography-based practicum where students from various disciplines produce a published project.									

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COM	VICO	<b>VICO</b>	<b>6930</b>	<b>Individual Study</b>	IND	IS	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Written proposal and permission							
		COURSE DESC:		Individual course of study agreed upon with the permission and guidance of a department faculty member.									
COM	VICO	<b>VICO</b>	<b>6960</b>	<b>Masters Project</b>	THE	TH	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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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EHS	C&HE	EDCE	2010	<b>Career and Life Planning Seminar</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	LEC	LE	2	0		N	U10		0
EHS	C&HE	EDCE	2015	<b>Camp Counseling Cultural Immersion: Service Learning</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Camp Counseling Cultural Immersion: Service Learning is for students to learn, practice, and reflect upon interpersonal helping skills in a community service context. Camp counseling equips students with interpersonal skills such as leadership, service, cultural diversity, and even helping profession microskills. Our course's laboratory combines youth from both at-risk and not at-risk backgrounds; from rural, urban, and suburban settings; of all races, ethnicities and cultures. Students in this course will volunteer for a week with our partner, Camp OtyOkwa (Big Brothers Big Sisters of Central Ohio) and practice 1) leadership and advocacy, 2) cross-cultural helping, and 3) team building skills through applied skill acquisition, service, and reflection.	LAB	LB	4	0		N	U30		0
EHS	C&HE	EDCE	2015	<b>Camp Counseling Cultural Immersion: Service Learning</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Camp Counseling Cultural Immersion: Service Learning is for students to learn, practice, and reflect upon interpersonal helping skills in a community service context. Camp counseling equips students with interpersonal skills such as leadership, service, cultural diversity, and even helping profession microskills. Our course's laboratory combines youth from both at-risk and not at-risk backgrounds; from rural, urban, and suburban settings; of all races, ethnicities and cultures. Students in this course will volunteer for a week with our partner, Camp OtyOkwa (Big Brothers Big Sisters of Central Ohio) and practice 1) leadership and advocacy, 2) cross-cultural helping, and 3) team building skills through applied skill acquisition, service, and reflection.	LEC	LE	4	0		N	U30		0
EHS	C&HE	EDCE	2900	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	C&HE	EDCE	2900	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	C&HE	EDCE	4000	<b>Special Topics in Guidance, Counseling, and Student Personnel</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: REQUISITE: 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.	LEC	LE	2 to 4	12		N	U30		0
EHS	C&HE	EDCE	4001	<b>Human Service Professions</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: 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.	LEC	LE	3	0		N	U30		0
EHS	C&HE	EDCE	4100	<b>Human Relations</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr 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.	LEC	LE	2	0		N	U30		0
EHS	C&HE	EDCE	4400	<b>Foundations in Group Dynamics</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr 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.	LEC	EL	2	0		N	U30		0

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EHS	C&HE	<b>EDCE</b>	<b>4400</b>	<b>Foundations in Group Dynamics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	U30		0
EHS	C&HE	<b>EDCE</b>	<b>4900</b>	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	C&HE	<b>EDCE</b>	<b>4900</b>	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	C&HE	<b>EDCE</b>	<b>6200</b>	<b>Foundations of Counseling: Clinical Mental Health, Rehabilitation, School Counseling</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6200</b>	<b>Foundations of Counseling: Clinical Mental Health, Rehabilitation, School Counseling</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6220</b>	<b>Career Development: Research and Theory</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	7		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6220</b>	<b>Career Development: Research and Theory</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	7		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6240</b>	<b>Professional School Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Provides students with a comprehensive organizational framework useful for planning, designing, implementing, evaluating, and enhancing content-based guidance and counseling programs and an understanding of the coordination of school counseling program components as they relate to the total school community. Skills associated to counseling, guidance, and consultation will be covered. Explores the application of research that addresses the effectiveness of various school counseling programs and interventions.	LEC	EL	4	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6240</b>	<b>Professional School Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Provides students with a comprehensive organizational framework useful for planning, designing, implementing, evaluating, and enhancing content-based guidance and counseling programs and an understanding of the coordination of school counseling program components as they relate to the total school community. Skills associated to counseling, guidance, and consultation will be covered. Explores the application of research that addresses the effectiveness of various school counseling programs and interventions.	LEC	LE	4	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6260	<b>Medical and Psychosocial Issues in Rehabilitation Counseling</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCE 6200						
		COURSE DESC:		Provides students with an introduction and basic understanding of the medical and psychological aspects of disability and the use of this information in rehabilitation counseling. More specifically, will examine a number of issues related to common medical conditions, including: diagnoses, basic pathology and symptomatology, treatment, role of medical professionals, functional limitations, and vocational implications. Students will develop skills in assessing the functional implication of various medical and psychiatric impairments and develop an understanding of how this information is used in counseling, rehabilitation plan development, service delivery, environmental accommodation, and job placement.									
				Meets the following CORE Standards: C.2.5; E.3.11 E.5.5 E.3.5 E.3.7; E.3.8 E.3; E.3.1; E.3.2; E.5.4 E.5.1 C.2.11 C.2.1; C.2.4; C.2.6; C.2.2; C.2.12; C.2.9									
EHS	C&HE	EDCE	6260	<b>Medical and Psychosocial Issues in Rehabilitation Counseling</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCE 6200						
		COURSE DESC:		Provides students with an introduction and basic understanding of the medical and psychological aspects of disability and the use of this information in rehabilitation counseling. More specifically, will examine a number of issues related to common medical conditions, including: diagnoses, basic pathology and symptomatology, treatment, role of medical professionals, functional limitations, and vocational implications. Students will develop skills in assessing the functional implication of various medical and psychiatric impairments and develop an understanding of how this information is used in counseling, rehabilitation plan development, service delivery, environmental accommodation, and job placement.									
				Meets the following CORE Standards: C.2.5; E.3.11 E.5.5 E.3.5 E.3.7; E.3.8 E.3; E.3.1; E.3.2; E.5.4 E.5.1 C.2.11 C.2.1; C.2.4; C.2.6; C.2.2; C.2.12; C.2.9									
EHS	C&HE	EDCE	6270	<b>Counseling, Teaching, and the Behavior Change Process</b>	LAB	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>6290</b>	<b>Job Placement Theory and Techniques</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCE 6200 and 6260 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	<b>EDCE</b>	<b>6290</b>	<b>Job Placement Theory and Techniques</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCE 6200 and 6260 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	<b>EDCE</b>	<b>6310</b>	<b>Appraisal I</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCE</b>	<b>6310</b>	<b>Appraisal I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCE</b>	<b>6450</b>	<b>Counseling Over the Lifespan</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Students will gain an understanding of the nature and needs of individuals at all levels of human development. Issues in counseling and counseling techniques and strategies for use with persons at different points across the lifespan will be explored. The primary emphasis in readings and experiences will be on the psychological, sociological, and physiological aspects of human development and behavior for children, adolescents, and adults. Theories of development, personality, and learning will likewise be explored.									
EHS	C&HE	<b>EDCE</b>	<b>6450</b>	<b>Counseling Over the Lifespan</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Students will gain an understanding of the nature and needs of individuals at all levels of human development. Issues in counseling and counseling techniques and strategies for use with persons at different points across the lifespan will be explored. The primary emphasis in readings and experiences will be on the psychological, sociological, and physiological aspects of human development and behavior for children, adolescents, and adults. Theories of development, personality, and learning will likewise be explored.									
EHS	C&HE	<b>EDCE</b>	<b>6500</b>	<b>Group Counseling I</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to group processes and their application in a variety of settings. Topics include history, theory, techniques, group dynamics and counseling, group leadership, ethics, research and evaluation, lectures, demonstrations, and group lab experience.									
EHS	C&HE	<b>EDCE</b>	<b>6500</b>	<b>Group Counseling I</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to group processes and their application in a variety of settings. Topics include history, theory, techniques, group dynamics and counseling, group leadership, ethics, research and evaluation, lectures, demonstrations, and group lab experience.									
EHS	C&HE	<b>EDCE</b>	<b>6520</b>	<b>Group Counseling II</b>	LAB	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCE 6500 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>6520</b>	<b>Group Counseling II</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCE 6500 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>6550</b>	<b>Counseling Theory and Techniques</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Will address counseling and psychotherapeutic theories. Included will be outcome research associated with various counseling interventions. Attention will be given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. Also included will be studies of basic interviewing, assessment and counseling skills related to the various theories addressed. Consideration will be given to factors that influence the helping process including age, gender, and ethnic differences, and ethical practices of the counselor. This will be accomplished in a manner that encourages the student to engage in critical thinking and analysis of the counseling theories reviewed. The class will focus on practice rather than lecture. Counseling is an applied activity, and for it to be learned, a student is first encouraged to experience its fundamental elements. It is critical that all assigned materials are read prior to attending the class.									
EHS	C&HE	<b>EDCE</b>	<b>6550</b>	<b>Counseling Theory and Techniques</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Will address counseling and psychotherapeutic theories. Included will be outcome research associated with various counseling interventions. Attention will be given to the personal characteristics of the client and counselor, and how those characteristics impact the therapeutic process. Also included will be studies of basic interviewing, assessment and counseling skills related to the various theories addressed. Consideration will be given to factors that influence the helping process including age, gender, and ethnic differences, and ethical practices of the counselor. This will be accomplished in a manner that encourages the student to engage in critical thinking and analysis of the counseling theories reviewed. The class will focus on practice rather than lecture. Counseling is an applied activity, and for it to be learned, a student is first encouraged to experience its fundamental elements. It is critical that all assigned materials are read prior to attending the class.									
EHS	C&HE	<b>EDCE</b>	<b>6620</b>	<b>Diagnosis and Treatment Planning in Counseling</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6620</b>	<b>Diagnosis and Treatment Planning in Counseling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCE 6200						
		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>6700</b>	<b>Organizational Theory and Techniques in Counseling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCE 6200						
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6750</b>	<b>Psychopathology for Counselors</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>Seminar in Counseling</b>	SEM	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		A culminating evaluative experience involving the scholarly application of research, theory, and professional practice. Designed to provide students a capstone experience to the master's degree program in Counselor Education. Will assess students' comprehensive preparedness through evaluation of professional and academic writing abilities, professional licensure examination preparation, and compilation of a portfolio tracking students' counselor development throughout formal counselor preparation.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>6810</b>	<b>Seminar in Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A culminating evaluative experience involving the scholarly application of research, theory, and professional practice. Designed to provide students a capstone experience to the master's degree program in Counselor Education. Will assess students' comprehensive preparedness through evaluation of professional and academic writing abilities, professional licensure examination preparation, and compilation of a portfolio tracking students' counselor development throughout formal counselor preparation.	SEM	SE	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6850</b>	<b>Multicultural Education</b> ELIGIBLE GRADES: A-F, 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	LEC	EL	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6850</b>	<b>Multicultural Education</b> ELIGIBLE GRADES: A-F, 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	LEC	LE	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6860</b>	<b>Multicultural Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: To increase counselor knowledge and awareness related to working with diverse consumer populations. To increase counselor skills, effectiveness, and application of practical knowledge by examining various models of multicultural counseling.  Complies with the following CORE standards: C.2.5; C.2.1; C.2.11 2e; C.2.8 2.b; 2.c C.2.4; C.2.10; C.2.12 2.d; 2.f C.2.9; 2c	LEC	EL	4	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6860</b>	<b>Multicultural Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: To increase counselor knowledge and awareness related to working with diverse consumer populations. To increase counselor skills, effectiveness, and application of practical knowledge by examining various models of multicultural counseling.  Complies with the following CORE standards: C.2.5; C.2.1; C.2.11 2e; C.2.8 2.b; 2.c C.2.4; C.2.10; C.2.12 2.d; 2.f C.2.9; 2c	LEC	LE	4	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6900</b>	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6900</b>	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>6910</b>	<b>Field Experience in Counseling</b> ELIGIBLE GRADES: A-F, 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.	FLD	FE	1 to 5	5		N	G50		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	6914	<b>Counseling Internship</b> ELIGIBLE GRADES: CR, 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.	FLD	EL	2	8		N	G50		0
EHS	C&HE	EDCE	6914	<b>Counseling Internship</b> ELIGIBLE GRADES: CR, 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.	FLD	FE	2	8		N	G50		0
EHS	C&HE	EDCE	6915	<b>Counseling Internship</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3 to 4	7		N	G50		0
EHS	C&HE	EDCE	6915	<b>Counseling Internship</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3 to 4	7		N	G50		0
EHS	C&HE	EDCE	6920	<b>Counseling Practicum</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: The counseling practicum provides a closely supervised field experience in counseling and related activities. Students will spend approximately 7-10 hours per week at their practicum site, and will attend class weekly. The emphasis is on assisting clients through counseling and related services in educational, clinical, college, and business settings. The practicum will focus on counseling and consultation processes to further develop interpersonal relationships and communication skills, methods planning and providing services, and techniques to facilitate change of behaviors and attitudes.	PRA	PR	3	6		N	G50		0
EHS	C&HE	EDCE	6920	<b>Counseling Practicum</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: The counseling practicum provides a closely supervised field experience in counseling and related activities. Students will spend approximately 7-10 hours per week at their practicum site, and will attend class weekly. The emphasis is on assisting clients through counseling and related services in educational, clinical, college, and business settings. The practicum will focus on counseling and consultation processes to further develop interpersonal relationships and communication skills, methods planning and providing services, and techniques to facilitate change of behaviors and attitudes.	SEM	SE	3	6		N	G50		0
EHS	C&HE	EDCE	6921	<b>Advanced Counseling Practicum: School</b> ELIGIBLE GRADES: A-F, 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.	PRA	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6921	<b>Advanced Counseling Practicum: School</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	3	0		N	G50		0
EHS	C&HE	EDCE	6922	<b>Advanced Practicum: Clinical Mental Health</b> ELIGIBLE GRADES: A-F, 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.	PRA	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6922	<b>Advanced Practicum: Clinical Mental Health</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	3	0		N	G50		0
EHS	C&HE	EDCE	6924	<b>Advanced Practicum: Rehabilitation</b> ELIGIBLE GRADES: A-F, 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.	PRA	EL	3	0		N	G50		0
EHS	C&HE	EDCE	6924	<b>Advanced Practicum: Rehabilitation</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	3	0		N	G50		0
EHS	C&HE	EDCE	6930	<b>Readings and Research in Counseling</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Study and interpretation of scientific research on community mental health or selected government agencies. Independent and directed projects.	IND	EL	1 to 5	5		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>6930</b>	<b>Readings and Research in Counseling</b>	IND	IS	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	THE	TH	1 to 9	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCE 6200						
		COURSE DESC:		Seminar contents varies.									
EHS	C&HE	<b>EDCE</b>	<b>7241</b>	<b>Introduction to Play Therapy</b>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7241</b>	<b>Introduction to Play Therapy</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7245</b>	<b>Counseling Children and Adolescents</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The purpose is to increase student knowledge of the application of a variety of counseling theories and practices in assisting children and adolescents in their development. Special attention will be given to working with children with disabilities, exceptional children, and children of minority groups.									
EHS	C&HE	<b>EDCE</b>	<b>7245</b>	<b>Counseling Children and Adolescents</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		The purpose is to increase student knowledge of the application of a variety of counseling theories and practices in assisting children and adolescents in their development. Special attention will be given to working with children with disabilities, exceptional children, and children of minority groups.									
EHS	C&HE	<b>EDCE</b>	<b>7310</b>	<b>Intelligence Assessment</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>7310</b>	<b>Intelligence Assessment</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>7320</b>	<b>Personality Assessment</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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.									



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COURSE LISTING  
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EHS	C&HE	EDCE	7330	<b>Counseling Assessment of Children and Adolescents</b> A-F, CR, PR REQUISITE: EDCE 6200 and 6310 The purpose is to acquaint the student with assessment and diagnosis with children, clinical decision making, developmental psychopathology, measurement and psychometrics, social values, ethics, and cultural and linguistic issues. Students will learn the components of the process of multidimensional behavioral assessment and will be exposed to a variety of assessment instruments commonly used in the clinical assessment of children.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	7380	<b>Gerontological Counseling</b> A-F, CR, PR REQUISITE: Attitude awareness regarding older persons, knowledge of developmental periods of aging, basic gerontological counseling concepts, and skills in applying knowledge of aging and counseling to work with older persons are emphasized.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7380	<b>Gerontological Counseling</b> A-F, CR, PR REQUISITE: Attitude awareness regarding older persons, knowledge of developmental periods of aging, basic gerontological counseling concepts, and skills in applying knowledge of aging and counseling to work with older persons are emphasized.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7390	<b>Family Counseling</b> A-F, CR, PR REQUISITE: The purpose is to provide an introduction to family counseling, with an emphasis on theoretical foundations and family counseling techniques.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	7390	<b>Family Counseling</b> A-F, CR, PR REQUISITE: The purpose is to provide an introduction to family counseling, with an emphasis on theoretical foundations and family counseling techniques.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	7400	<b>Youth Violence</b> A-F, CR, PR REQUISITE: Explores some of the causes and consequences of such forms of juvenile delinquency as violence, school shootings, gang membership, drug use, and running away. More than examining different categories of juvenile offenses, however, will introduce students to the study of juvenile delinquency including how youth norm breaking has been measured, defined, and theoretically explained from the 19th- to the 21st- century. In addition, will examine some of the formal and informal institutions designed to manage and control young offenders.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7400	<b>Youth Violence</b> A-F, CR, PR REQUISITE: Explores some of the causes and consequences of such forms of juvenile delinquency as violence, school shootings, gang membership, drug use, and running away. More than examining different categories of juvenile offenses, however, will introduce students to the study of juvenile delinquency including how youth norm breaking has been measured, defined, and theoretically explained from the 19th- to the 21st- century. In addition, will examine some of the formal and informal institutions designed to manage and control young offenders.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7511	<b>Stress, Biofeedback, and Self-Control</b> A-F, CR, PR REQUISITE: Designed to expose students to a holistic approach to preventing and managing stress. Students learn both healthy cognitive (coping) skills and relaxation techniques with the intention of preventing and/or alleviating the symptoms of stress. Content includes the science of stress, the mind/body connection, stress prevention strategies such as perception, mindfulness, time management and financial management, and a variety of stress management techniques including guided imagery, progressive muscle relaxation, yoga, meditation, and autogenics. Has both personal application and professional application for students working in any area of healthcare.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7511	<b>Stress, Biofeedback, and Self-Control</b> A-F, CR, PR REQUISITE: Designed to expose students to a holistic approach to preventing and managing stress. Students learn both healthy cognitive (coping) skills and relaxation techniques with the intention of preventing and/or alleviating the symptoms of stress. Content includes the science of stress, the mind/body connection, stress prevention strategies such as perception, mindfulness, time management and financial management, and a variety of stress management techniques including guided imagery, progressive muscle relaxation, yoga, meditation, and autogenics. Has both personal application and professional application for students working in any area of healthcare.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7521	<b>Assertiveness Training</b> A-F, CR, PR REQUISITE: Focuses on theory and strategies of assertiveness training. Attention to goal setting, role playing, alternative behavior, evaluating consequences, and implementation of assertive behavior. Emphasis on differentiating nonassertive, assertive, and aggressive behavior.	LEC	EL	2	0		N	G50		0
EHS	C&HE	EDCE	7521	<b>Assertiveness Training</b> A-F, CR, PR REQUISITE: Focuses on theory and strategies of assertiveness training. Attention to goal setting, role playing, alternative behavior, evaluating consequences, and implementation of assertive behavior. Emphasis on differentiating nonassertive, assertive, and aggressive behavior.	LEC	LE	2	0		N	G50		0
EHS	C&HE	EDCE	7531	<b>Counseling and Human Sexuality</b> A-F, CR, PR REQUISITE: Study of human sexuality and stereotypical attitudes, attainment of basic knowledge, awareness of sexual abuse and violence, and understanding sexual dysfunction and sexual adequacy.	LEC	LE	2	0		N	G50		0

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EHS	C&HE	<b>EDCE</b>	<b>7541</b>	<b>Adlerian Theory, Methods, and Research</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7541</b>	<b>Adlerian Theory, Methods, and Research</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7551</b>	<b>Human Relations Skills for a Multicultural Society</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7551</b>	<b>Human Relations Skills for a Multicultural Society</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7600</b>	<b>Addictions Counseling Theory and Practice</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Focuses on the addictive process, stages and symptoms of chemical abuse, and intervention and treatment strategies for addiction.	LEC	EL	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7600</b>	<b>Addictions Counseling Theory and Practice</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Focuses on the addictive process, stages and symptoms of chemical abuse, and intervention and treatment strategies for addiction.	LEC	LE	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7620</b>	<b>Legal and Ethical Aspects of Counseling</b> ELIGIBLE GRADES: A-F, 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	LEC	EL	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7620</b>	<b>Legal and Ethical Aspects of Counseling</b> ELIGIBLE GRADES: A-F, 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	LEC	LE	3	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7700</b>	<b>Brief and Solution-Focused Therapy</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	2	0		N	G50		0
EHS	C&HE	<b>EDCE</b>	<b>7700</b>	<b>Brief and Solution-Focused Therapy</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	2	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>7701</b>	<b>Suicide: Essentials for Helping Professionals</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7701</b>	<b>Suicide: Essentials for Helping Professionals</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7703</b>	<b>Cognitive Therapy</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7704</b>	<b>Counseling Terminally Ill and HIV/AIDS Clients</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7705</b>	<b>Rational Emotive Behavior Therapy</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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EHS	C&HE	EDCE	7706	<b>Counseling Techniques for Clients Diagnosed with PTSD</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Designed to prepare students in counseling and other related disciplines to become familiar with the basic tenets of Post Traumatic Stress Disorder (PTSD) primarily the diagnostic criteria, etiology, and the various modalities for treatment. The first section is devoted to an exploration of the theories and counseling strategies relevant to the PTSD. The second section is experiential in nature and will include videos, case studies, and the development of treatment plans for effective intervention. Issues related to counselor self-care and compassion-fatigue will be addressed.									
EHS	C&HE	EDCE	7707	<b>Counseling &amp; Mental Health Awareness in Schools</b>	LEC	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Common mental disorders diagnosed in children and adolescents will be discussed along with treatment modalities. The school professional's role in identifying and/or supporting students with a mental health diagnosis will be discussed. Likely to be of interest to students and practitioners in education, social work, psychology, counseling, speech and language pathology, and other professions linked to schools.									
EHS	C&HE	EDCE	7707	<b>Counseling &amp; Mental Health Awareness in Schools</b>	LEC	LE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Common mental disorders diagnosed in children and adolescents will be discussed along with treatment modalities. The school professional's role in identifying and/or supporting students with a mental health diagnosis will be discussed. Likely to be of interest to students and practitioners in education, social work, psychology, counseling, speech and language pathology, and other professions linked to schools.									
EHS	C&HE	EDCE	7720	<b>Psychiatric Rehabilitation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, 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.									
EHS	C&HE	EDCE	7730	<b>Gender Issues in Counseling</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The purpose of this seminar format is to provide an overview of gender issues as they relate to counseling. Will address the influence of gender on the counseling process, gender identity development, feminist and gender sensitive models of counseling, issues at stages across the lifespan, and cultural considerations as it relates to gender. Students will read current, relevant, and culturally sensitive literature regarding gender. Students will develop a greater awareness of how to responsibly address genders issues within the counseling profession.									
EHS	C&HE	EDCE	7730	<b>Gender Issues in Counseling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The purpose of this seminar format is to provide an overview of gender issues as they relate to counseling. Will address the influence of gender on the counseling process, gender identity development, feminist and gender sensitive models of counseling, issues at stages across the lifespan, and cultural considerations as it relates to gender. Students will read current, relevant, and culturally sensitive literature regarding gender. Students will develop a greater awareness of how to responsibly address genders issues within the counseling profession.									
EHS	C&HE	EDCE	8200	<b>Advanced Seminar for Counseling Educators</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Doctoral seminar providing students with preparation for in-depth study of counseling in educational, community, and business settings.									
EHS	C&HE	EDCE	8200	<b>Advanced Seminar for Counseling Educators</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Doctoral seminar providing students with preparation for in-depth study of counseling in educational, community, and business settings.									
EHS	C&HE	EDCE	8220	<b>Career Development and Counseling</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The purpose is to provide students with an understanding of the basic concepts, theories, and techniques of career counseling. Will examine various theories of career development, career choice processes, career counseling interventions, the use of assessment in career counseling, occupational and labor market information, the application of career counseling theories and techniques for diverse populations, principles of vocational rehabilitation, the relationship of career development and mental health, career guidance programs in educational settings, and other related topics. Lectures may be enhanced by guest speakers and other class activities.									
EHS	C&HE	EDCE	8220	<b>Career Development and Counseling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The purpose is to provide students with an understanding of the basic concepts, theories, and techniques of career counseling. Will examine various theories of career development, career choice processes, career counseling interventions, the use of assessment in career counseling, occupational and labor market information, the application of career counseling theories and techniques for diverse populations, principles of vocational rehabilitation, the relationship of career development and mental health, career guidance programs in educational settings, and other related topics. Lectures may be enhanced by guest speakers and other class activities.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCE	8240	<b>Counselor Education Professional Publications</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	SEM	EL	3	0		N	G50		0
EHS	C&HE	EDCE	8240	<b>Counselor Education Professional Publications</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	SEM	SE	3	0		N	G50		0
EHS	C&HE	EDCE	8250	<b>Colloquium</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Doctoral level seminars to examine contemporary issues in counselor education.	SEM	EL	1 to 5	6		N	G50		0
EHS	C&HE	EDCE	8250	<b>Colloquium</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Doctoral level seminars to examine contemporary issues in counselor education.	SEM	SE	1 to 5	6		N	G50		0
EHS	C&HE	EDCE	8520	<b>Advanced Group Counseling</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: 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.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	8520	<b>Advanced Group Counseling</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: 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.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	8550	<b>Counseling Theory Advanced</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Theories and systems of psychology as applied to counseling and psychotherapy. Integration of theories and methods of counseling and psychotherapy to assessment and diagnosis, goal-setting, treatment, procedures, and evaluation of progress and outcomes. Use of case study to demonstrate knowledge in the treatment of selected mental, emotional, and behavioral disorders. Application of concepts of human development to personal growth and career-life planning. Review of innovative methods, recent research, and issues and trends.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	8550	<b>Counseling Theory Advanced</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Theories and systems of psychology as applied to counseling and psychotherapy. Integration of theories and methods of counseling and psychotherapy to assessment and diagnosis, goal-setting, treatment, procedures, and evaluation of progress and outcomes. Use of case study to demonstrate knowledge in the treatment of selected mental, emotional, and behavioral disorders. Application of concepts of human development to personal growth and career-life planning. Review of innovative methods, recent research, and issues and trends.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	8590	<b>Counselor Supervision</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Offers advanced graduate students theories and models of clinical supervision used in the counseling profession. Students participate in both didactic and lab activities.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	8590	<b>Counselor Supervision</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Offers advanced graduate students theories and models of clinical supervision used in the counseling profession. Students participate in both didactic and lab activities.	LEC	LE	4	0		N	G50		0
EHS	C&HE	EDCE	8600	<b>Counselor Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Provides a history and overview of the counselor education profession. Student will explore the theoretical, research, practical knowledge, standards, and skills necessary to function effectively as counselor educators. Discussion will also include standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Offers an orientation to publishing manuscripts in professional counseling journals and textbooks. Provides guidance in manuscript preparation, review, editorial, and publication processes. Readings from professional journals and texts will supplement class lecture, discussion, and application activities.	LEC	EL	4	0		N	G50		0
EHS	C&HE	EDCE	8600	<b>Counselor Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Provides a history and overview of the counselor education profession. Student will explore the theoretical, research, practical knowledge, standards, and skills necessary to function effectively as counselor educators. Discussion will also include standards and ethical responsibilities in counselor preparation, counselor development, and pedagogy. Offers an orientation to publishing manuscripts in professional counseling journals and textbooks. Provides guidance in manuscript preparation, review, editorial, and publication processes. Readings from professional journals and texts will supplement class lecture, discussion, and application activities.	LEC	LE	4	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>8640</b>	<b>Mental Health Consultation</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>8640</b>	<b>Mental Health Consultation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>8900</b>	<b>Special Topics in Education - Counselor Education</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	<b>EDCE</b>	<b>8900</b>	<b>Special Topics in Education - Counselor Education</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	C&HE	<b>EDCE</b>	<b>8910</b>	<b>Internship</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>8910</b>	<b>Internship</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	PRA	EL	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Experience in program development and professional counselor preparation activities. Includes supervising of, consulting with, and education of pre- and in-service counselors. Other activities may include student and staff evaluation; organization of personnel programs; and use of staff meetings for counselee study, staff consultation, and program management.									
EHS	C&HE	<b>EDCE</b>	<b>8920</b>	<b>Practicum in Counselor Education and Supervision</b>	PRA	PR	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Experience in program development and professional counselor preparation activities. Includes supervising of, consulting with, and education of pre- and in-service counselors. Other activities may include student and staff evaluation; organization of personnel programs; and use of staff meetings for counselee study, staff consultation, and program management.									
EHS	C&HE	<b>EDCE</b>	<b>8930</b>	<b>Advanced Readings and Research in Counseling</b>	IND	EL	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent studies and specialized projects for doctoral students.									
EHS	C&HE	<b>EDCE</b>	<b>8930</b>	<b>Advanced Readings and Research in Counseling</b>	IND	IS	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent studies and specialized projects for doctoral students.									
EHS	C&HE	<b>EDCE</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 9	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content varies.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>8990</b>	<b>Leadership in Counseling</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on universal principles related to becoming a leader. Theories of leadership development will be examined and discussed. Through a learner focused environment, the students will experience the process of becoming leaders and advocates in their profession and in their communities. Students will also be encouraged to develop their own leadership capacities, and focus will be placed on the application of course material to professional counselor development.									
EHS	C&HE	<b>EDCE</b>	<b>8990</b>	<b>Leadership in Counseling</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on universal principles related to becoming a leader. Theories of leadership development will be examined and discussed. Through a learner focused environment, the students will experience the process of becoming leaders and advocates in their profession and in their communities. Students will also be encouraged to develop their own leadership capacities, and focus will be placed on the application of course material to professional counselor development.									
EHS	C&HE	<b>EDCP</b>	<b>4000</b>	<b>Special Topics in Student Leadership</b>	DIS	DI	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		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>	DIS	EL	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 2	6		N	U30		0
		ELIGIBLE GRADES:		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>5210</b>	<b>College Student Development: Theory with Practice</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5210</b>	<b>College Student Development: Theory with Practice</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCP 5210						
		COURSE DESC:		Provides an understanding of college environment theories and their application.									
EHS	C&HE	<b>EDCP</b>	<b>5220</b>	<b>College Campus/Student Environment: From Theory to Practice</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCP 5210						
		COURSE DESC:		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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5441</b>	<b>College Student Leadership Issues</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCP 5210						
		COURSE DESC:		Provides the opportunity to develop knowledge about concerns of residential students.									
EHS	C&HE	<b>EDCP</b>	<b>5443</b>	<b>Residential Campus Issues</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDCP 5210						
		COURSE DESC:		Provides the opportunity to develop knowledge about concerns of residential students.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCP</b>	<b>5447</b>	<b>International Student Services</b>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>5447</b>	<b>International Student Services</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>5448</b>	<b>Wellness Issues in Higher Education and Student Affairs</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 Introduces students to theories, concepts, and experiences of nontraditional students.									
EHS	C&HE	<b>EDCP</b>	<b>5449</b>	<b>21st- Century Student Issues in Higher Education and Student Affairs - Special Populations</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>5450</b>	<b>Problem-based Research in Student Affairs</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDCP 5210 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>	LAB	LB	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5900</b>	<b>Special Topics in Education - College Student Personnel</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									



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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	5900	<b>Special Topics in Education - College Student Personnel</b> A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	C&HE	EDCP	6200	<b>Introduction to Student Affairs Organization and Administration</b> A-F, CR, PR REQUISITE: Introduction to student affairs administration, including history and philosophy, structure, services, roles, and contemporary issues.	LEC	EL	4	0		N	G40		0
EHS	C&HE	EDCP	6200	<b>Introduction to Student Affairs Organization and Administration</b> A-F, CR, PR REQUISITE: Introduction to student affairs administration, including history and philosophy, structure, services, roles, and contemporary issues.	LEC	LE	4	0		N	G40		0
EHS	C&HE	EDCP	6300	<b>The Helping Relationship in Higher Education</b> A-F, CR, PR REQUISITE: Introduction to modes, methods, and issues involved in effective helping relationships with college students.	LAB	LB	4	0		N	G40		0
EHS	C&HE	EDCP	6300	<b>The Helping Relationship in Higher Education</b> A-F, CR, PR REQUISITE: Introduction to modes, methods, and issues involved in effective helping relationships with college students.	LEC	EL	4	0		N	G40		0
EHS	C&HE	EDCP	6300	<b>The Helping Relationship in Higher Education</b> A-F, CR, PR REQUISITE: Introduction to modes, methods, and issues involved in effective helping relationships with college students.	LEC	LE	4	0		N	G40		0
EHS	C&HE	EDCP	6400	<b>Theory to Practice College Student Affairs Seminar I</b> A-F, CR, PR REQUISITE: Students must hold graduate assistantships or internships in higher education administrative area. This seminar will prepare students for professional practice by engaging participants in scholarship informed reflections on their field-based experiences. This is the first course in a three-semester series.	SEM	EL	3	0		I	G40		0
EHS	C&HE	EDCP	6400	<b>Theory to Practice College Student Affairs Seminar I</b> A-F, CR, PR REQUISITE: Students must hold graduate assistantships or internships in higher education administrative area. This seminar will prepare students for professional practice by engaging participants in scholarship informed reflections on their field-based experiences. This is the first course in a three-semester series.	SEM	SE	3	0		I	G40		0
EHS	C&HE	EDCP	6500	<b>Theory to Practice College Student Affairs Seminar II</b> A-F, CR, PR REQUISITE: EDCP 6400 This seminar will prepare students for professional practice by engaging participants in literature informed reflections on their field-based experiences. The course is the second component of a three-semester series of seminars.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	6500	<b>Theory to Practice College Student Affairs Seminar II</b> A-F, CR, PR REQUISITE: EDCP 6400 This seminar will prepare students for professional practice by engaging participants in literature informed reflections on their field-based experiences. The course is the second component of a three-semester series of seminars.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	6600	<b>Theory to Practice College Student Affairs Seminar III</b> A-F, CR, PR REQUISITE: EDCP 6400 and 6500 Prepares students for professional practice by engaging participants in scholarship informed reflection on their field-based experience. This is the third component of a three-semester series of seminars.	SEM	EL	3	0		N	G40		0
EHS	C&HE	EDCP	6600	<b>Theory to Practice College Student Affairs Seminar III</b> A-F, CR, PR REQUISITE: EDCP 6400 and 6500 Prepares students for professional practice by engaging participants in scholarship informed reflection on their field-based experience. This is the third component of a three-semester series of seminars.	SEM	SE	3	0		N	G40		0
EHS	C&HE	EDCP	6900	<b>Special Topics in Education - College Student Personnel</b> A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCP</b>	<b>6900</b>	<b>Special Topics in Education - College Student Personnel</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	C&HE	<b>EDCP</b>	<b>6920</b>	<b>Practicum in Student Affairs</b>	PRA	PR	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>7250</b>	<b>Advanced College Student Development: Theories and Research</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>7250</b>	<b>Advanced College Student Development: Theories and Research</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>7250</b>	<b>Advanced College Student Development: Theories and Research</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>7250</b>	<b>Advanced College Student Development: Theories and Research</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>7430</b>	<b>Specialized Studies in Student Development Theory</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Will focus on recent human development research, and its application to higher education administrative practice. Special topics may include positive psychology in student affairs practice; cognitive-structural theory and leadership practice; and applying learning theory to student advising.									
EHS	C&HE	<b>EDCP</b>	<b>7430</b>	<b>Specialized Studies in Student Development Theory</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Will focus on recent human development research, and its application to higher education administrative practice. Special topics may include positive psychology in student affairs practice; cognitive-structural theory and leadership practice; and applying learning theory to student advising.									
EHS	C&HE	<b>EDCP</b>	<b>7470</b>	<b>Pegagogy and Practice of Service-learning</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to service-learning pedagogy and practice. Students will develop an understanding of theoretical and practical elements of service-learning, including best practices, student learning outcomes, community impact, and program evaluation. Classroom component will be complemented with engagement in service-based activity.									
EHS	C&HE	<b>EDCP</b>	<b>7470</b>	<b>Pegagogy and Practice of Service-learning</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to service-learning pedagogy and practice. Students will develop an understanding of theoretical and practical elements of service-learning, including best practices, student learning outcomes, community impact, and program evaluation. Classroom component will be complemented with engagement in service-based activity.									
EHS	C&HE	<b>EDCP</b>	<b>8210</b>	<b>Advanced College Student Development: Theories and Research</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	<b>EDCP</b>	<b>8210</b>	<b>Advanced College Student Development: Theories and Research</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDCP	8900	<b>Special Topics in Education - College Student Personnel</b>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.									
EHS	C&HE	EDCP	8900	<b>Special Topics in Education - College Student Personnel</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F 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	5780	<b>Introduction to Assessment &amp; Evaluation in Higher Education</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F 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	5885	<b>Historical and Contemporary Issues in Higher Education</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: An introduction to the study of foundations, structures, personnel, and development of American higher education.									
EHS	C&HE	EDHE	6880	<b>Higher Education and Student Affairs in the United States</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: 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>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: 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>	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: 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>	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDHE</b>	<b>6890</b>	<b>Legal Issues in American Higher Education</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>6890</b>	<b>Legal Issues in American Higher Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>6900</b>	<b>Special Topics in Higher Education and Student Affairs</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDHE 6880						
		COURSE DESC:		Ongoing and up-to-date treatment of significant current developments in higher education.									
EHS	C&HE	<b>EDHE</b>	<b>6900</b>	<b>Special Topics in Higher Education and Student Affairs</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDHE 6880						
		COURSE DESC:		Ongoing and up-to-date treatment of significant current developments in higher education.									
EHS	C&HE	<b>EDHE</b>	<b>6910</b>	<b>Capstone Project in Higher Education and Student Affairs</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDRE 5010						
		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	<b>EDHE</b>	<b>6910</b>	<b>Capstone Project in Higher Education and Student Affairs</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDRE 5010						
		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	<b>EDHE</b>	<b>7210</b>	<b>Diversity in American Higher Education</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7210</b>	<b>Diversity in American Higher Education</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7390</b>	<b>The American Community College</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7390</b>	<b>The American Community College</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7390</b>	<b>The American Community College</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7390</b>	<b>The American Community College</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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?									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7780	<b>Assessment and Evaluation in Higher Education and Student Affairs</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: EDHE 6880 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.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7780	<b>Assessment and Evaluation in Higher Education and Student Affairs</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: EDHE 6880 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.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7790	<b>Finance and Budgeting in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: An overview of the principles and practices of financing institutions of higher education. Will also focus on the structure, process, and skills of building institutional budgets.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7790	<b>Finance and Budgeting in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: An overview of the principles and practices of financing institutions of higher education. Will also focus on the structure, process, and skills of building institutional budgets.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	DIS	DI	3	0		N	G50		0
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	DIS	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7810	<b>Practicum in College Teaching and Curriculum Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	LEC	EL	1 to 4	4		N	G50		0
EHS	C&HE	EDHE	7810	<b>Practicum in College Teaching and Curriculum Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	LEC	LE	1 to 4	4		N	G50		0
EHS	C&HE	EDHE	7820	<b>Effective Curriculum Development and Teaching Practices in American Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: EDHE 7800 COURSE DESC: Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.	LEC	EL	3	0		N	G50		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7820	<b>Effective Curriculum Development and Teaching Practices in American Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7820	<b>Effective Curriculum Development and Teaching Practices in American Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.	SEM	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7820	<b>Effective Curriculum Development and Teaching Practices in American Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Critical study of factors, theories, and practices involved in the development of higher education curriculum and teaching. The creation, implementation, and revision of programs, courses, and classes is discussed and related to effective teaching and learning in different settings.	SEM	SE	3	0		N	G50		0
EHS	C&HE	EDHE	7830	<b>Institutional Research and Planning in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7830	<b>Institutional Research and Planning in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7850	<b>Organization and Governance of Higher Education</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7850	<b>Organization and Governance of Higher Education</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7860	<b>Leadership and Change Management in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Focus on internal management issues and practices.	LEC	EL	3	0		N	G50		0
EHS	C&HE	EDHE	7860	<b>Leadership and Change Management in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Focus on internal management issues and practices.	LEC	LE	3	0		N	G50		0
EHS	C&HE	EDHE	7880	<b>Policy Perspectives in Higher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Provides a context for the study of higher education policy and the policy-making process at the national and state level in the United States. It provides students with an overview of the role of federal government, state governors, legislatures, governing and coordinating boards, non-government agencies, lobbyists, and "the public" as they contribute to public policy for postsecondary education. Specifically, emphasis will be given to policy research, policy analysis, the roles of values and interest groups, equality of educational opportunity, systemic reform and implementation, and the politics of education.	LEC	EL	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDHE</b>	<b>7880</b>	<b>Policy Perspectives in Higher Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7890</b>	<b>Advanced Resources and Applications for Higher Education Problems</b>	DIS	DI	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.									
EHS	C&HE	<b>EDHE</b>	<b>7890</b>	<b>Advanced Resources and Applications for Higher Education Problems</b>	DIS	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.									
EHS	C&HE	<b>EDHE</b>	<b>7890</b>	<b>Advanced Resources and Applications for Higher Education Problems</b>	LAB	LB	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.									
EHS	C&HE	<b>EDHE</b>	<b>7890</b>	<b>Advanced Resources and Applications for Higher Education Problems</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.									
EHS	C&HE	<b>EDHE</b>	<b>7890</b>	<b>Advanced Resources and Applications for Higher Education Problems</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an in-depth examination of several higher education data resources and computer applications used to access them. Intended primarily for students who are involved in higher education and student affairs research and administration. However, anyone interested in research on higher education and/or applications of technology in higher education administration in general may benefit. Includes practical information on computer applications, web-based information resources, and higher education information systems. Provides students with opportunities to engage in the design and implementation of research projects using higher education data resources.									
EHS	C&HE	<b>EDHE</b>	<b>7915</b>	<b>International Service-Learning</b>	DIS	DI	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7915</b>	<b>International Service-Learning</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7915</b>	<b>International Service-Learning</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	<b>EDHE</b>	<b>7920</b>	<b>Practicum in Higher Education Administration and Leadership</b>	PRA	PR	1 to 4	4		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		A supervised experience in the administration and leadership of higher education that students utilize for one or more purposes: to broaden their career experience and skills; to improve a program or a practice within their current positions, other areas, and/or other institutions; or to design and conduct assessment projects for the improvement of administrative decision-making or the establishment of future theory-based studies.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDHE</b>	<b>8210</b>	<b>Critical Race Theory in Higher Education</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows students to explore Critical Race Theory as an analytical framework that provides race-based epistemological, methodological, and pedagogical approaches to the study of everyday inequalities in higher education. Key focuses are to help students understand CRT as a theoretical framework, examine its utility and limitations, and consider its application to students' own research and practice.									
EHS	C&HE	<b>EDHE</b>	<b>8210</b>	<b>Critical Race Theory in Higher Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows students to explore Critical Race Theory as an analytical framework that provides race-based epistemological, methodological, and pedagogical approaches to the study of everyday inequalities in higher education. Key focuses are to help students understand CRT as a theoretical framework, examine its utility and limitations, and consider its application to students' own research and practice.									
EHS	C&HE	<b>EDHE</b>	<b>8210</b>	<b>Critical Race Theory in Higher Education</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows students to explore Critical Race Theory as an analytical framework that provides race-based epistemological, methodological, and pedagogical approaches to the study of everyday inequalities in higher education. Key focuses are to help students understand CRT as a theoretical framework, examine its utility and limitations, and consider its application to students' own research and practice.									
EHS	C&HE	<b>EDHE</b>	<b>8210</b>	<b>Critical Race Theory in Higher Education</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows students to explore Critical Race Theory as an analytical framework that provides race-based epistemological, methodological, and pedagogical approaches to the study of everyday inequalities in higher education. Key focuses are to help students understand CRT as a theoretical framework, examine its utility and limitations, and consider its application to students' own research and practice.									
EHS	C&HE	<b>EDHE</b>	<b>8900</b>	<b>Advanced Special Topics in Higher Education and Student Affairs</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar treatment of areas of current or topical interest in field of higher education.									
EHS	C&HE	<b>EDHE</b>	<b>8900</b>	<b>Advanced Special Topics in Higher Education and Student Affairs</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar treatment of areas of current or topical interest in field of higher education.									
EHS	C&HE	<b>EDHE</b>	<b>8930</b>	<b>Readings and Research in Higher Education and Student Affairs</b>	IND	EL	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study and specialized research projects for advanced students in field of higher education.									
EHS	C&HE	<b>EDHE</b>	<b>8930</b>	<b>Readings and Research in Higher Education and Student Affairs</b>	IND	IS	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study and specialized research projects for advanced students in field of higher education.									
EHS	C&HE	<b>EDHE</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized instruction designed to facilitate students' development of proposal and dissertation.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>2520</b>	<b>Administration of Education in Non-Western Cultures</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>2900</b>	<b>Special Topics in Education - Administration</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>2900</b>	<b>Special Topics in Education - Administration</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>4200</b>	<b>Comparative Cultures and Education</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>4200</b>	<b>Comparative Cultures and Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>4900</b>	<b>Special Topics in Education -Administration</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>4900</b>	<b>Special Topics in Education -Administration</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>5900</b>	<b>Special Topics in Education - Administration</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>5900</b>	<b>Special Topics in Education - Administration</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>5910</b>	<b>Educational Administration Internship I</b>	FLD	FE	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Field-oriented internship experience in educational administration (principalship).									
EHS	EDST	<b>EDAD</b>	<b>5911</b>	<b>Educational Administration Internship II</b>	FLD	FE	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Field-oriented internship experience in educational administration (principalship).									
EHS	EDST	<b>EDAD</b>	<b>6010</b>	<b>Introduction to Leadership and Organizational Behavior</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>6020</b>	<b>Structure and Behavior in Educational Organizations</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>6021</b>	<b>The School and Community</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Addresses the nature and history of relationships between schools and community with regard to opportunities and challenges for leadership.									

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EHS	EDST	<b>EDAD</b>	<b>6040</b>	<b>Technology for School Leadership</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) 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>EDAD</b>	<b>6110</b>	<b>Educational Law for School Leaders</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) Selected principles of constitutional, statutory, case, and common law affecting schools and school personnel with special reference to Ohio school law.									
EHS	EDST	<b>EDAD</b>	<b>6111</b>	<b>Legal Issues for Teachers</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) 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>EDAD</b>	<b>6210</b>	<b>Educational Finance for School Leadership</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDAD 6010 or 601 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>EDAD</b>	<b>6310</b>	<b>Personnel Administration in Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) 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>EDAD</b>	<b>6400</b>	<b>The Principalship</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Leadership theories and practices. School/community organization; social-political forces; instructional leadership; teacher appraisal; elementary, middle, and secondary school administration.									
EHS	EDST	<b>EDAD</b>	<b>6421</b>	<b>Instructional Leadership for Teacher Leaders</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) 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>EDAD</b>	<b>6425</b>	<b>The Role of the Principal in Instruction</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) 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>EDAD</b>	<b>6430</b>	<b>Standards-Based Assessment for School Leaders</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) and EDRE 5010 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>EDAD</b>	<b>6431</b>	<b>Data Applications for Teacher Leaders</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDAD 6010 or 601) and (EDAD 6020 or 602) and EDRE 5010 Designed to enable teacher leader candidates to contribute significantly to the effectiveness of educational practices and programs in their schools.									
EHS	EDST	<b>EDAD</b>	<b>6610</b>	<b>School-Community Relations</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>6810</b>	<b>Managing the School District</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Superintendent licensure course emphasizing data analysis, strategic planning, resource/facilities allocation, and public relations.									
EHS	EDST	<b>EDAD</b>	<b>6820</b>	<b>Planning for District Improvement</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Superintendent licensure course emphasizing district-wide strategic planning for the purpose of improving schooling operations and outcomes.									
EHS	EDST	<b>EDAD</b>	<b>6830</b>	<b>Human Relations at the District Level</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Superintendent licensure course emphasizing the role of human relations for effective district leadership.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>6900</b>	<b>Special Topics in Education - Administration</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>6900</b>	<b>Special Topics in Education - Administration</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>6915</b>	<b>Educational Administration Internship I (Superintendency)</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Field-oriented internship experience in educational administration (for aspiring superintendents).	FLD	FE	1 to 6	6		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>6916</b>	<b>Educational Administration Internship II (Superintendency)</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Field-oriented internship experience in educational administration (for aspiring superintendents).	FLD	FE	1 to 6	6		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>6941</b>	<b>Final Masters Project for Teacher Leaders</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required 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.	RSC	RS	3	0		N	G40		0
EHS	EDST	<b>EDAD</b>	<b>6942</b>	<b>Research in Educational Administration</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Individual research studies.	RSC	RS	1 to 6	33		I	G50		0
EHS	EDST	<b>EDAD</b>	<b>6950</b>	<b>Thesis</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Masters thesis.	THE	TH	1 to 6	18		I	G40		0
EHS	EDST	<b>EDAD</b>	<b>6980</b>	<b>Educational Administration Portfolio I: Data Gathering</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required 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.	SEM	SE	4	0		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>7020</b>	<b>State and National Administration of Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: State program of education, state responsibility, educational organization, certification and tenure, national problems in education.	LEC	LE	3	0		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>7030</b>	<b>Advanced Seminar in Policy Initiatives and Networks in Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	SEM	EL	4	0		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>7030</b>	<b>Advanced Seminar in Policy Initiatives and Networks in Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	SEM	SE	4	0		N	G50		0
EHS	EDST	<b>EDAD</b>	<b>7071</b>	<b>Comparative Cultures and Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	SEM	EL	3	0		N	G50		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>7071</b>	<b>Comparative Cultures and Education</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7072</b>	<b>Education &amp; Development in Developing Countries</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7072</b>	<b>Education &amp; Development in Developing Countries</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7073</b>	<b>Perspectives in International/Global Education</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7073</b>	<b>Perspectives in International/Global Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7300</b>	<b>Advanced Seminar in Leadership</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7310</b>	<b>Conflict Management in Educational Administration</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7420</b>	<b>Planning Educational Facilities</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7510</b>	<b>Business Administration in Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7521</b>	<b>Critical Analysis of School Effectiveness Models and Methods</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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).									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>7522</b>	<b>Education and Development</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines major theories of educational development as an area contributing to the comprehensive national development, economically, socially, or culturally. Investigates areas such as historical and ethnographic studies of pre-colonial, colonial, and post-independence societies and explore how education and training can contribute as tools for contemporary change and sustainable socioeconomic development.									
EHS	EDST	<b>EDAD</b>	<b>7522</b>	<b>Education and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines major theories of educational development as an area contributing to the comprehensive national development, economically, socially, or culturally. Investigates areas such as historical and ethnographic studies of pre-colonial, colonial, and post-independence societies and explore how education and training can contribute as tools for contemporary change and sustainable socioeconomic development.									
EHS	EDST	<b>EDAD</b>	<b>7523</b>	<b>Issues and Institutions in Global Education and Development</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7523</b>	<b>Issues and Institutions in Global Education and Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7524</b>	<b>Global and Transcultural Understandings</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7524</b>	<b>Global and Transcultural Understandings</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7525</b>	<b>Advanced Comparative Education: Methods and Theories</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7525</b>	<b>Advanced Comparative Education: Methods and Theories</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7710</b>	<b>Community Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7820</b>	<b>Politics/Policy in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7840</b>	<b>Educational Planning and Evaluation</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>EDAD</b>	<b>7900</b>	<b>Special Topics in Educational Administration</b>	SEM	EL	1 to 6	18		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>7900</b>	<b>Special Topics in Educational Administration</b>	SEM	SE	1 to 6	18		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>EDAD</b>	<b>7910</b>	<b>Leadership Project--Problem Identification</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>EDAD</b>	<b>7911</b>	<b>Leadership Project--Implementation</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>EDAD</b>	<b>7912</b>	<b>Leadership Project-- Analysis and Evaluation</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Individualized field-oriented course to assist practicing educators in identifying and using techniques for analyzing their practices in implementing change. Complete leadership project (EDAD 7910, 7911, and 7912) culminates in a written analysis and evaluation under direction of advisor.									
EHS	EDST	<b>EDAD</b>	<b>7915</b>	<b>Advanced Seminar in Educational Leadership I</b>	FLD	FE	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Field-oriented advanced seminar in educational leadership and policy. Seminar I focuses on practice.									
EHS	EDST	<b>EDAD</b>	<b>7916</b>	<b>Advanced Seminar in Educational Leadership II</b>	FLD	FE	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Field-oriented advanced seminar in educational leadership and policy. Seminar II focuses on research.									
EHS	EDST	<b>EDAD</b>	<b>8110</b>	<b>Legal Aspects of Educational Administration</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8110</b>	<b>Legal Aspects of Educational Administration</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8240</b>	<b>Seminar in Educational Finance</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8240</b>	<b>Seminar in Educational Finance</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8310</b>	<b>Seminar in Collective Bargaining in Education</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8310</b>	<b>Seminar in Collective Bargaining in Education</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>EDAD</b>	<b>8440</b>	<b>Seminar in Educational Facilities</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Helps students gain greater depth of understanding of and competence in planning of educational facilities and administration of building programs.									
EHS	EDST	<b>EDAD</b>	<b>8440</b>	<b>Seminar in Educational Facilities</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Helps students gain greater depth of understanding of and competence in planning of educational facilities and administration of building programs.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDAD</b>	<b>8540</b>	<b>Seminar in Business Administration in Education</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Helps students gain understanding of and competence in administration of business affairs in education.									
EHS	EDST	<b>EDAD</b>	<b>8540</b>	<b>Seminar in Business Administration in Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Helps students gain understanding of and competence in administration of business affairs in education.									
EHS	EDST	<b>EDAD</b>	<b>8640</b>	<b>Seminar in Public Relations</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>EDAD</b>	<b>8640</b>	<b>Seminar in Public Relations</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>EDAD</b>	<b>8800</b>	<b>Rural Schools and Communities</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>EDAD</b>	<b>8810</b>	<b>Organization in Educational Systems</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>EDAD</b>	<b>8820</b>	<b>Politics/Policy in Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>EDAD</b>	<b>8900</b>	<b>Special Topics in Education - Administration</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>8900</b>	<b>Special Topics in Education - Administration</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	EDST	<b>EDAD</b>	<b>8901</b>	<b>Research in Educational Administration</b>	TUT	TU	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Research seminar; content varies.									
EHS	EDST	<b>EDAD</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Doctoral dissertation.									
EHS	EDST	<b>EDCS</b>	<b>1010</b>	<b>Education and the Democratic Community</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>	SEM	SE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	1 to 3	60		I	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Permission required							
		COURSE DESC:		Field experience or internship in a school, community or organizational setting related to diversity issues and education.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCS</b>	<b>3010</b>	<b>Education and Cultural Diversity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Teacher Candidacy and (Jr or Sr)						
		COURSE DESC:		Public schools are the life-blood of a democracy. One measure of their success is how well they educate all children, regardless of race, class, ethnicity, gender, disability, sexual orientation, family configuration, language and religion. Observes, analyzes and reflects on classroom instruction and learning in a culturally diverse environment and society. Explores the cultural, social, and historical dimensions of education as they relate to a diversity. Examines the cultural and historical context of domination and exploitation in the U.S.; the self as an anti-bias educator, and the curriculum and pedagogy in an anti-bias classroom. Utilizes discussion drawn from lectures, readings, film, and the stories of students and classroom educators. Field service learning component as part of course assignments so that students have an opportunity to engage in multicultural education and interact with diverse peoples.									
EHS	EDST	<b>EDCS</b>	<b>4000</b>	<b>Democracy, Education &amp; Society</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0	3	N	U30		25
		ELIGIBLE GRADES:		A-F, CR		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>	SEM	EL	1 to 4	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity education training for educators, art and education, environmental education, African and Native American-centered schooling. May be delivered in multiple formats, including but limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	<b>EDCS</b>	<b>4900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	SEM	SE	1 to 4	24		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity education training for educators, art and education, environmental education, African and Native American-centered schooling. May be delivered in multiple formats, including but limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	<b>EDCS</b>	<b>4920</b>	<b>Practicum in Critical Studies in Educational Foundations</b>	PRA	PR	1 to 9	36		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	IS	1 to 9	24		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Permission required						
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	<b>EDCS</b>	<b>5000</b>	<b>Advanced Studies in the Histories of Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced study of various historical movements and time periods related to education. Advanced and focused study about specific historians and/or historians of education. Pays special attention to historically marginalized peoples within specific historical educational movements and trends. Allows the opportunity to engage in advanced study of historical topics in education that are often overlooked in survey courses.									
EHS	EDST	<b>EDCS</b>	<b>5010</b>	<b>History &amp; Philosophies of Education</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5010</b>	<b>History &amp; Philosophies of Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									



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EHS	EDST	<b>EDCS</b>	<b>5020</b>	<b>Education and Transformative Social Change</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5040</b>	<b>Sociology, Politics, and Change in Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines how educational systems are situated within the context of culture, knowledge, the economy, media and power. Utilizing interdisciplinary sources, explores the relationship between school and society with interpretive, normative, and critical theories and methods. Applies critical and cultural theories to deconstruct the socio-cultural influences and hegemony acting upon and utilizing education; the implications of those factors on the purposes of education, how we educate, foster student engagement and create successful learning communities in school and beyond will be examined. Attention given to contemporary dimensions and dynamics that intersect and impact education today, i.e., youth culture, marginalized voices, and popular media and culture. Examines several alternative theoretical and pedagogical approaches that have the potential to more closely fulfill the democratic 'promise' that education can indeed, make a difference in individual lives and create more socially just people, schools, communities and world.									
EHS	EDST	<b>EDCS</b>	<b>5110</b>	<b>Colloquium in Critical Studies in Educational Foundations</b>	SEM	SE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Admission to CSE masters graduate program						
		COURSE DESC:		Allows for two primary learning activities. First, offered as an introduction to graduate studies in critical studies in education foundation (CSE), addressing issues preparatory to graduate work, including but not limited to: graduate study expectations, writing at the graduate level, publishing and presenting, collaboration, learning APA style, and introductory discussions about research topics and methodologies. The second provides space to invite guest speakers, hold panel discussions, show films, and/or have CSE student research presentations.									
EHS	EDST	<b>EDCS</b>	<b>5900</b>	<b>Independent Study in Critical Studies in Educational Foundations</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	<b>EDCS</b>	<b>5900</b>	<b>Independent Study in Critical Studies in Educational Foundations</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.									

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EHS	EDST	<b>EDCS</b>	<b>6010</b>	<b>Education &amp; Cultural Diversity</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	SEM	SE	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	PRA	PR	1 to 9	36		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	RSC	RS	1 to 9	36		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	RSC	RS	4	0		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	THE	TH	1 to 9	36		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Under the guidance of a faculty member, completion of a full research thesis in the field of critical studies in educational foundations.									
EHS	EDST	<b>EDCS</b>	<b>7000</b>	<b>Alternative Approaches to Educational Theory and Pedagogy</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines alternative approaches to educational theory and pedagogy. As a theory-based course, interrogates the social, cultural, and philosophical contexts of education. Focuses on relational/caring theory and other alternative educational theories that promote holistic education, home or open schooling models, arts, environmental, nature, and spirituality based education. Ultimately examines the connection between interpretations of the human condition and education.									

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EHS	EDST	<b>EDCS</b>	<b>7010</b>	<b>The Social and Cultural Contexts of Leadership</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the concept of leadership as perceived and constructed in the United States based on the traditionalist conception of what leadership is and should be universally, that is, the Western canonical paradigm. The existence of leadership outside the Western cultural canon and the discourse that elicits the critical-cultural and social construction of leadership is scarce and, in many instances, noticeably absent. Examines leadership studies first, by investigating the cultural foundations of leadership; second, by investigating the cultural production of leadership and its significance from a social critical theoretical context; and third, vets leadership from a non-traditionalist (non-Western) historical perspective. Leadership and its development is both a social construction grounded in the cultural historical context that produces it; hence, all leadership is inherently critically cultural. Contextually all leadership is a social, cultural, historical construction (thus political) by the nature of who the leader is and what leadership paradigm they employ. Investigates this dynamic and the critical discourse in leadership studies referred to as transformational leadership.									
EHS	EDST	<b>EDCS</b>	<b>7020</b>	<b>The Moral and Ethical Dimensions of Leadership</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides opportunity to engage in a broad exploration of the moral and ethical dimensions of leadership as it applies to various educational and community settings. Assumes that leadership extends beyond traditional roles and models of leadership. Examines how people who consider themselves leaders and or change/agents recognize and make moral and ethical decisions in their practice. The discipline of Western philosophy has developed multiple moral frameworks in an effort to explain how and why we make moral and ethical decisions and/or what guidelines we might rely upon in doing so. In addition, developmental psychology has also paid attention to the stages of moral development and reasoning for the same purpose. It is worthwhile to be familiar with these philosophical models, and at the same time be aware that most people make moral and ethical decisions drawing upon multiple rationales, cultural value sets, and contexts. Examines the serious import of understanding oneself and one's moral and ethical living and decision-making, given the depth of impact of moral and ethical decisions in people's lives.									
EHS	EDST	<b>EDCS</b>	<b>8010</b>	<b>Critical Cultural Theories &amp; Pedagogies for Empowering Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides an advanced examination of the relationships between schools and society, focusing predominantly upon critical theory and its derivatives, in order to understand the role of education and schools' unique position within society. Any institution with power has the ability to do good, as well as the power to do harm. Explores empowering pedagogies that emanate from critical theories in order to address the role of power and related concepts in educational institutions and provide pedagogical tools for educators and students to critically examine the implications and consequences of how we educate. Examines the societal, cultural, institutional and personal domains as we inquire into how we might educate all our young people well in the midst of changing social and institutional contexts, power, and resistance.									
EHS	EDST	<b>EDCS</b>	<b>8900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	SEM	EL	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. May also address particular theorists and theories elated to the field of critical studies in educational foundations in depth and focused beyond what may be covered within the current curriculum. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	<b>EDCS</b>	<b>8900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	SEM	SE	1 to 4	24		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows for an exploration of special topics in the field of critical studies in educational foundations. Examples of topics might include conflict resolution in schools, peace education, diversity training for educators, art and education, environmental education, African and Native American-centered schooling. May also address particular theorists and theories elated to the field of critical studies in educational foundations in depth and focused beyond what may be covered within the current curriculum. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.									
EHS	EDST	<b>EDCS</b>	<b>8920</b>	<b>Practicum in Critical Studies in Educational Foundations</b>	PRA	PR	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>8940</b>	<b>Research in Critical Studies in Educational Foundations</b>	RSC	RS	1 to 9	100		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Individualized research project/readings in critical studies in educational foundations supervised by a faculty member.									
EHS	EDST	<b>EDCS</b>	<b>8950</b>	<b>Dissertation in Critical Studies in Educational Foundations</b>	THE	TH	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		With the guidance of faculty adviser and doctoral committee, completion of original dissertation research in the field of critical studies in educational foundations.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>2030</b>	<b>Technological Applications in Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Required course for all teachers seeking Ohio licensure. Acquaints candidates with technology applications commonly found in educational settings. Using TPCK theoretical framework (Technological Pedagogical Content Knowledge) encompasses effectively identifying, locating, evaluating, designing, preparing and efficiently using educational technology as instructional resources in the classroom as related to the principles of teaching and learning. Develops increased classroom communication abilities through lectures, discussions, modeling, computer lab experiences and completion of a comprehensive portfolio project. Utilizes variety of open source technologies to develop and enhance classroom instruction including hardware and software to develop skills in word processing, using spreadsheets, use of the Web, evaluating educational software and evaluating web pages, use multimedia and create a Web page. Utilizes low, medium and high technology to enhance classroom instruction, communication and classroom management. Designed to meet the requirements of the International Society for Technology in Education NETS Standards for Teachers ( <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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDCT</b>	<b>2900</b>	<b>Special Topics in Education - Computer Technology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Teacher Education majors only. Undergraduate degree with teaching license/certification if seeking an endorsement for teaching license. 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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5012</b>	<b>Computer Education and Technology-Technology in Education: Open Source Content</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDCT</b>	<b>5900</b>	<b>Special Topics in Education - Computer Technology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Workshop format. Special topic productivity tools in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5901</b>	<b>Computer Education and Technology Workshop in Productivity Tools</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Workshop format. Special topics in computer education and technology program in information tools.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>5902</b>	<b>Computer Education and Technology Workshop in Information Tools</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in network tools in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5903</b>	<b>Computer Education and Technology Workshop in Network Tools</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in network tools in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5904</b>	<b>Computer Education and Technology Workshop in Programming Concepts</b>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in programming concepts in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5904</b>	<b>Computer Education and Technology Workshop in Programming Concepts</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in programming concepts in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5905</b>	<b>Computer Education and Technology Workshop in Curriculum Development</b>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in curriculum development in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5905</b>	<b>Computer Education and Technology Workshop in Curriculum Development</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in curriculum development in computer education and technology.									
EHS	EDST	<b>EDCT</b>	<b>5906</b>	<b>Computer Education and Technology Workshop in the Science Curriculum and Technology</b>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics for the development of science curriculum and technology integration.									
EHS	EDST	<b>EDCT</b>	<b>5906</b>	<b>Computer Education and Technology Workshop in the Science Curriculum and Technology</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics for the development of science curriculum and technology integration.									
EHS	EDST	<b>EDCT</b>	<b>5907</b>	<b>CET Workshop: Distance Learning</b>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in distance learning in computer education and technology program.									
EHS	EDST	<b>EDCT</b>	<b>5907</b>	<b>CET Workshop: Distance Learning</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in distance learning in computer education and technology program.									
EHS	EDST	<b>EDCT</b>	<b>5908</b>	<b>Computer Education and Technology Workshop in the Math Curriculum and Technology</b>	LEC	EL	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in math curriculum development and technology integration in the computer education and technology program.									
EHS	EDST	<b>EDCT</b>	<b>5908</b>	<b>Computer Education and Technology Workshop in the Math Curriculum and Technology</b>	LEC	LE	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Workshop format. Special topics in math curriculum development and technology integration in the computer education and technology program.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>6002</b>	<b>Visual Literacy for Mediated Instruction</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Visual literacy is defined as the ability to understand and use images, including the ability to think, learn, and express oneself in terms of images. Improves the learner's visual literacy knowledge and ability to master image manipulation and distribution software. Focuses on using critical thinking skills to interpret and create instructional visual images, with particular emphasis on integrating images into mediated learning experiences.									
EHS	EDST	<b>EDCT</b>	<b>6002</b>	<b>Visual Literacy for Mediated Instruction</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Visual literacy is defined as the ability to understand and use images, including the ability to think, learn, and express oneself in terms of images. Improves the learner's visual literacy knowledge and ability to master image manipulation and distribution software. Focuses on using critical thinking skills to interpret and create instructional visual images, with particular emphasis on integrating images into mediated learning experiences.									
EHS	EDST	<b>EDCT</b>	<b>6011</b>	<b>Instructional Design</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces designing instruction in mediated environments. Teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered through or mediated through digital communication and interaction technology. Reviews how to conduct a needs analysis, task analysis and learner analysis. Will utilize these analysis skills to design instruction. Strategies for instructing declarative, conceptual, procedural, algorithmic knowledge covered. Utilizes strategies to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. Skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, games, etc.). Each week a component of instructional design is done leading to a final project demonstrating their abilities. Traditional midterm and final examinations are required. Lays foundation for the rest of the masters program.									
EHS	EDST	<b>EDCT</b>	<b>6011</b>	<b>Instructional Design</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces designing instruction in mediated environments. Teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered through or mediated through digital communication and interaction technology. Reviews how to conduct a needs analysis, task analysis and learner analysis. Will utilize these analysis skills to design instruction. Strategies for instructing declarative, conceptual, procedural, algorithmic knowledge covered. Utilizes strategies to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. Skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, games, etc.). Each week a component of instructional design is done leading to a final project demonstrating their abilities. Traditional midterm and final examinations are required. Lays foundation for the rest of the masters program.									
EHS	EDST	<b>EDCT</b>	<b>6012</b>	<b>Teaching and Learning Online</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides overview of teaching and learning in online environments in both K-12 and higher education. Distance Learning and educational theory and practice serves as course framework. Development of online mini-course/professional development course using the Moodle Learning Management System (LMS) required. Blackboard LMS system as well as LMS sites such as Desire to Learn, Angel and Microsoft Sharepoint explored. Course meets the ISTE Facilitator Standard 7.									
EHS	EDST	<b>EDCT</b>	<b>6012</b>	<b>Teaching and Learning Online</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides overview of teaching and learning in online environments in both K-12 and higher education. Distance Learning and educational theory and practice serves as course framework. Development of online mini-course/professional development course using the Moodle Learning Management System (LMS) required. Blackboard LMS system as well as LMS sites such as Desire to Learn, Angel and Microsoft Sharepoint explored. Course meets the ISTE Facilitator Standard 7.									
EHS	EDST	<b>EDCT</b>	<b>6030</b>	<b>Principles of Instructional Design</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course introduces instructional design principles and process. Students will survey different instructional theories and their associated methods. It teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered or mediated through digital communication and interaction technology, with an emphasis on assessment and evaluation strategies. Strategies for instructing declarative, conceptual, procedural knowledge are covered. Students will learn to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. These skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, etc.). A new component of instructional design is addressed each week leading to a final project demonstrating students' abilities.									
EHS	EDST	<b>EDCT</b>	<b>6030</b>	<b>Principles of Instructional Design</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course introduces instructional design principles and process. Students will survey different instructional theories and their associated methods. It teaches how to analyze, implement and evaluate instructional experiences, particularly those delivered or mediated through digital communication and interaction technology, with an emphasis on assessment and evaluation strategies. Strategies for instructing declarative, conceptual, procedural knowledge are covered. Students will learn to create presentations, practice and feedback systems. These systems require assessment and evaluation to create congruent learning experiences. These skills applicable to any learning situation, however, particular attention paid to mediated environments (computer tutorials, simulations, etc.). A new component of instructional design is addressed each week leading to a final project demonstrating students' abilities.									
EHS	EDST	<b>EDCT</b>	<b>6031</b>	<b>Advanced Topics in Instructional Design</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>6031</b>	<b>Advanced Topics in Instructional Design</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6032</b>	<b>Adult Learning in Online Environments</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6042</b>	<b>Leadership and Professional Development in Technology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6051</b>	<b>Multimedia Tools in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>6052</b>	<b>Assessment and Evaluation in Technology-Rich Classrooms</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>6052</b>	<b>Assessment and Evaluation in Technology-Rich Classrooms</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	STU	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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>6122</b>	<b>Masters Portfolio in Computer Education and Technology</b>	STU	ST	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDCT</b>	<b>6900</b>	<b>Special Topics in Education - Computer Technology</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDCT</b>	<b>6901</b>	<b>Workshop in Computer Education: Special Topics</b>	LEC	EL	1 to 5	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6901</b>	<b>Workshop in Computer Education: Special Topics</b>	LEC	LE	1 to 5	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	FLD	FE	1 to 4	4		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6913</b>	<b>Master's Research Project</b>	LEC	LE	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Non-thesis option, major research paper required under the direction of the advisor (typically action research within an educational setting).									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>6940</b>	<b>Research in Education</b>	RSC	RS	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Individualized research project.									
EHS	EDST	<b>EDCT</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	EDCT 6011							
		COURSE DESC:		Provides advanced content in instructional design.									
EHS	EDST	<b>EDCT</b>	<b>7012</b>	<b>Advanced Instructional Design</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	EDCT 6011							
		COURSE DESC:		Provides advanced content in instructional design.									
EHS	EDST	<b>EDCT</b>	<b>7021</b>	<b>Online Course Development</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>7021</b>	<b>Online Course Development</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>7022</b>	<b>Issues and Trends in Instructional Technology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Examines the learning theories, models, and principles, and their application to the instructional process with adults.									
EHS	EDST	<b>EDCT</b>	<b>7031</b>	<b>Theory and Practice in Adult Learning</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Introduces doctoral students to current and historical research in instructional technology and appropriate research methods in the field. Designed to introduce some of the important research in the field of instructional technology while also understanding a variety of research methods appropriate for exploring questions.									
EHS	EDST	<b>EDCT</b>	<b>7032</b>	<b>Research Literature in Instructional Technology</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Introduces doctoral students to current and historical research in instructional technology and appropriate research methods in the field. Designed to introduce some of the important research in the field of instructional technology while also understanding a variety of research methods appropriate for exploring questions.									
EHS	EDST	<b>EDCT</b>	<b>7041</b>	<b>Professional Development and Workplace Consultation</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Examines the use of professional development, training and consultation as a means of improving productivity and the use of technology in teaching and learning settings in K-12, higher education and industry. Issues surrounding the management of projects, supervision, leadership and assessment are critical to successful integration of technology.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7042</b>	<b>Emerging Technologies for Learning</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Allows for advanced study of emerging technologies and instructional design methods in instructional technology field.									
EHS	EDST	<b>EDCT</b>	<b>7900</b>	<b>Advanced Seminar in Instructional Technology</b>	SEM	SE	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines andragogy in the use of instructional technology methods for online learning									
EHS	EDST	<b>EDCT</b>	<b>7933</b>	<b>Advanced Seminar in Instructional Technology - Adult Education and Instructional Technology</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the changing environment of curriculum development and instruction within the framework of instructional technology.									
EHS	EDST	<b>EDCT</b>	<b>7935</b>	<b>Advanced Seminar in Instructional Technology - Curriculum Development</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines the field of distance education within the framework of instructional technology design theory.									
EHS	EDST	<b>EDCT</b>	<b>7960</b>	<b>Advanced Seminar Instructional Technology - Distance Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines new and emerging technologies to be used in educational settings for teaching and learning.									
EHS	EDST	<b>EDCT</b>	<b>7961</b>	<b>Advanced Seminar in Instructional Technology - New and Emerging Technologies</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examines new and emerging technologies to be used in educational settings for teaching and learning.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDCT</b>	<b>7962</b>	<b>Advanced Seminar in Instructional Technology - Cognition and Pedagogy</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>7962</b>	<b>Advanced Seminar in Instructional Technology - Cognition and Pedagogy</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>7964</b>	<b>Advanced Seminar in Instructional Technology - Philosophy of Instructional Technology</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>7964</b>	<b>Advanced Seminar in Instructional Technology - Philosophy of Instructional Technology</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>8900</b>	<b>Special Topics in Education - Computer Technology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>8900</b>	<b>Special Topics in Education - Computer Technology</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>8920</b>	<b>Practicum in Instructional Technology</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	1 to 6	12		I	G50		0
EHS	EDST	<b>EDCT</b>	<b>8930</b>	<b>Research in Education</b> ELIGIBLE GRADES: CR, 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	IND	EL	1 to 15	30		I	G50		0
EHS	EDST	<b>EDCT</b>	<b>8930</b>	<b>Research in Education</b> ELIGIBLE GRADES: CR, 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	IND	IS	1 to 15	30		I	G50		0
EHS	EDST	<b>EDCT</b>	<b>8950</b>	<b>Dissertation</b> ELIGIBLE GRADES: CR, 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.	THE	EL	1 to 15	30		I	G50		0
EHS	EDST	<b>EDCT</b>	<b>8950</b>	<b>Dissertation</b> ELIGIBLE GRADES: CR, 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.	THE	TH	1 to 15	30		I	G50		0
EHS	EDST	<b>EDRE</b>	<b>2900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	EDST	<b>EDRE</b>	<b>2900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0

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EHS	EDST	<b>EDRE</b>	<b>5010</b>	<b>Introduction to Research Methods</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate Status Methods of research, assessment, and evaluation in education. Selecting, planning, and evaluating research problems.									
EHS	EDST	<b>EDRE</b>	<b>5900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>5900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>6900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>6900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>6920</b>	<b>Special Projects in Educational Research and Evaluation</b>	PRA	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>6920</b>	<b>Special Projects in Educational Research and Evaluation</b>	PRA	PR	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>6930</b>	<b>Readings in Educational Research and Evaluation</b>	IND	IS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	RS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	THE	TH	1 to 15	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Seminar contents varies. Completion of masters thesis.									
EHS	EDST	<b>EDRE</b>	<b>7110</b>	<b>Theory and Techniques of Test Development</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 Introduction to classical (true-score) test theory as it applies to test and measurement development, including such topics as reliability, validity, generalizability theory, standard-setting, and bias.									
EHS	EDST	<b>EDRE</b>	<b>7120</b>	<b>Item Response Theory and Modern Educational Measurement</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDRE</b>	<b>7200</b>	<b>Educational Statistics</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Measures of central tendency, measures of variability, standard scores, normal curve, simple regression, correlation, point estimates, testing statistical hypotheses, confidence intervals, t-distributions, chi-square distributions, and F-distributions. Use of computer statistical packages.									
EHS	EDST	<b>EDRE</b>	<b>7210</b>	<b>Regression Analysis in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 Multiple regression, general linear model, logistic regression, analysis of variance designs, contrasts. Use of computer statistical packages.									
EHS	EDST	<b>EDRE</b>	<b>7230</b>	<b>Questionnaires and Scale Development in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 and 7500 Critical evaluation of research literature. Design and development of research studies. Emphasis on development of research problems, data collection, ethics and methods of analysis.									
EHS	EDST	<b>EDRE</b>	<b>7500</b>	<b>Introduction to Qualitative Research Methods in Education</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to the experience of qualitative data collection methods in educational research. Review of origins, theory, and design of qualitative research, qualitative method, issues of validity, reliability, and human subject ethics.									
EHS	EDST	<b>EDRE</b>	<b>7500</b>	<b>Introduction to Qualitative Research Methods in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to the experience of qualitative data collection methods in educational research. Review of origins, theory, and design of qualitative research, qualitative method, issues of validity, reliability, and human subject ethics.									
EHS	EDST	<b>EDRE</b>	<b>7510</b>	<b>Qualitative Interviewing Methods in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDRE 7500 Examines the process of designing studies in which qualitative interviews are performed for data collection purposes. Conduct in-depth personal and/or focus group interviews, prepare transcripts of interviews, and interpret as well as evaluate the qualitative data collected. Different approaches to interpreting interview data will be studied (e.g. thematic, conceptual, narrative, metaphor, grounded theory, etc.).									
EHS	EDST	<b>EDRE</b>	<b>7520</b>	<b>Ethnographic Methods in Education</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDRE 7500 Examines the process of designing and executing ethnographic research studies. Engage in different forms of participant observation, write field notes, conduct ethnographic interviews, and analyze cultural artifacts and documents. Different approaches to interpreting ethnographic data studied including domain, taxonomic, componential, and thematic analyses.									
EHS	EDST	<b>EDRE</b>	<b>7600</b>	<b>Multivariate Statistical Methods in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7210 Multivariate methods in educational statistics, statistical modeling, extensions of the general linear model. Use of computer statistical packages.									
EHS	EDST	<b>EDRE</b>	<b>7610</b>	<b>Computer Science Applications in Educational Research</b>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7600 Use of Monte Carlo methods in educational statistics using statistical programming languages.									
EHS	EDST	<b>EDRE</b>	<b>7610</b>	<b>Computer Science Applications in Educational Research</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7600 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>	SEM	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7600 Specialized and advanced computer applications and programming for the analysis of data in educational research.									
EHS	EDST	<b>EDRE</b>	<b>7620</b>	<b>Computer Applications in Educational Research</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7600 Specialized and advanced computer applications and programming for the analysis of data in educational research.									
EHS	EDST	<b>EDRE</b>	<b>7800</b>	<b>Program Evaluation in Education</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 and 7500 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.									

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EHS	EDST	<b>EDRE</b>	<b>7800</b>	<b>Program Evaluation in Education</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDRE 7200 and 7500 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>	FLD	FE	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>7930</b>	<b>Advanced Readings in Educational Research and Evaluation</b>	IND	IS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	RS	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>8900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	EDST	<b>EDRE</b>	<b>8950</b>	<b>Dissertation</b>	THE	EL	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Completion of dissertation.									
EHS	EDST	<b>EDRE</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Completion of dissertation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EHS	<b>PCOE</b>	<b>2301C</b>	<b>Building Leadership in Adolescent Girls through Mentorship</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Youth mentoring programs have proliferated in recent years. This course identifies why mentoring programs have become popular tools to promote self-esteem amongst adolescents, as well as what effective mentoring looks like. In this service learning course, students will be paired with local area middle school girls and Ohio University's Women's Center to conduct the Young Women's Leadership Program. In addition to information on mentoring generally, this course takes a gendered approach to understanding the particular challenges that adolescent girls face both within and outside of school. This is a designated service learning course.									
EHS	EHS	<b>PCOE</b>	<b>4900H</b>	<b>Honors Seminar</b>	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares honors students for their research topics and proposals. Students give presentations related to honor's thesis plans and develop strategies to provide and receive constructive feedback related to scholarly work.									
EHS	EHS	<b>PCOE</b>	<b>4920H</b>	<b>Honors Practicum</b>	PRA	PR	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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	EL	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Students explore topics for honor's thesis through reading and reviewing scholarly work.									
EHS	EHS	<b>PCOE</b>	<b>4930H</b>	<b>Readings in Honors Work</b>	IND	IS	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	TUT	TU	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Students make progress toward and complete an undergraduate honors thesis.									
EHS	EHS	<b>PCOE</b>	<b>5902X</b>	<b>Mentoring Quality Matters: Supporting Ohio's Continuum of Teacher Development</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		This online professional development workshop is comprised of three self-paced modules designed to assist teacher mentors in the preparation of teacher candidates during the clinical and professional internship. Special emphasis is placed on helping professional interns transitions into the profession by using The Ohio Continuum of Teacher Development. The Continuum describes teachers' developmental progression throughout the course of their careers.									
EHS	EHS	<b>PCOE</b>	<b>5904X</b>	<b>Co-Teaching in P12 Schools</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		This online professional development workshop will explore co-teaching with teacher candidates to improve student learning. participants will engage in using Marilyn Friend's six co-teaching strategies to develop innovative instructional approaches for improving student learning. There will be a special emphasis on designing, developing, and implementing strategies that utilize teacher candidates to develop differentiated instruction for individual students and small groups of students.									
EHS	EHS	<b>PCOE</b>	<b>5905X</b>	<b>Patton College of Education Workshop</b>	LEC	LE	1 to 15	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Specific course content will vary with each offering.									

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EHS	HCSE	<b>CONS</b>	<b>1100</b>	<b>Community and Workforce Opportunities in Family and Consumer Sciences</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Offers an opportunity to gain awareness of varied career choices as a family and consumer sciences (FCS) professional. Introduction to career exploration strategies utilizing FCS national standards. Emphasis is on professional assessment of goals, skills, and new trends in family and consumer sciences, and career/technical education and resources.									
EHS	HCSE	<b>CONS</b>	<b>1100</b>	<b>Community and Workforce Opportunities in Family and Consumer Sciences</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Offers an opportunity to gain awareness of varied career choices as a family and consumer sciences (FCS) professional. Introduction to career exploration strategies utilizing FCS national standards. Emphasis is on professional assessment of goals, skills, and new trends in family and consumer sciences, and career/technical education and resources.									
EHS	HCSE	<b>CONS</b>	<b>2500</b>	<b>Families as Consumers in Global Communities</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An analysis of basic components and operations of the economic system in the United States as they affect the consumer. Current consumer issues, influences, restrictions of consumer freedom of choice, major consumer expenditures, and resources which are available to consumers as they participate in decision making and consumption are discussed.									
EHS	HCSE	<b>CONS</b>	<b>2500</b>	<b>Families as Consumers in Global Communities</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An analysis of basic components and operations of the economic system in the United States as they affect the consumer. Current consumer issues, influences, restrictions of consumer freedom of choice, major consumer expenditures, and resources which are available to consumers as they participate in decision making and consumption are discussed.									
EHS	HCSE	<b>CONS</b>	<b>2900</b>	<b>Special Topics in Human and Consumer Sciences General</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>2900</b>	<b>Special Topics in Human and Consumer Sciences General</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>3100</b>	<b>Human Resources for Customer Service Professions</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CONS 2500						
		COURSE DESC:		Prepares students to understand human resources in customer service professions and prepare students for their roles in leadership to support best practices in customer service industries.									
EHS	HCSE	<b>CONS</b>	<b>3100</b>	<b>Human Resources for Customer Service Professions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CONS 2500						
		COURSE DESC:		Prepares students to understand human resources in customer service professions and prepare students for their roles in leadership to support best practices in customer service industries.									
EHS	HCSE	<b>CONS</b>	<b>3400</b>	<b>Teaching of Family and Consumer Sciences</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3400</b>	<b>Teaching of Family and Consumer Sciences</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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>3450J</b>	<b>Writing in Human and Consumer Sciences</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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.									



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EHS	HCSE	<b>CONS</b>	<b>3890</b>	<b>Career Development for Customer Service Professions</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CONS 2500						
		COURSE DESC:		Exploration of career opportunities and job responsibilities for customer service professions. Emphasis on identification of personal career goals, self assessment of skills, development of application materials, and job search strategies to maximize effective career growth.									
EHS	HCSE	<b>CONS</b>	<b>3890</b>	<b>Career Development for Customer Service Professions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CONS 2500						
		COURSE DESC:		Exploration of career opportunities and job responsibilities for customer service professions. Emphasis on identification of personal career goals, self assessment of skills, development of application materials, and job search strategies to maximize effective career growth.									
EHS	HCSE	<b>CONS</b>	<b>3950</b>	<b>Consumer Resource and Financial Management</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3950</b>	<b>Consumer Resource and Financial Management</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Creative and conceptual approaches for exploring effective teaching of family and consumer sciences.									
EHS	HCSE	<b>CONS</b>	<b>4500</b>	<b>Problems in Teaching Family and Consumer Sciences</b>	LEC	LE	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>4900</b>	<b>Special Topics in Human and Consumer Sciences General</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	FLD	FE	3 to 12	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Field work in Career Technical education; students arrange placement.									
EHS	HCSE	<b>CONS</b>	<b>4915</b>	<b>Internship: Customer Service</b>	FLD	EL	3 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	CONS 2500 and 3890 and 4953						
		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>4915</b>	<b>Internship: Customer Service</b>	FLD	FE	3 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	CONS 2500 and 3890 and 4953						
		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>	FLD	EL	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		On-the-job experience in management and supervision of food service operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of food service operations.									
EHS	HCSE	<b>CONS</b>	<b>4916</b>	<b>Internship: Food Service</b>	FLD	FE	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		On-the-job experience in management and supervision of food service operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of food service operations.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	<b>CONS</b>	<b>4917</b>	<b>Internship: Retailing</b> ELIGIBLE GRADES: A-F, 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.	FLD	EL	1 to 12	12		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4917</b>	<b>Internship: Retailing</b> ELIGIBLE GRADES: A-F, 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.	FLD	FE	1 to 12	12		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4930</b>	<b>Independent Study - Family and Consumer Sciences</b> ELIGIBLE GRADES: A-F, 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.	IND	EL	1 to 3	6		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4930</b>	<b>Independent Study - Family and Consumer Sciences</b> ELIGIBLE GRADES: A-F, 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.	IND	IS	1 to 3	6		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4935</b>	<b>Independent Study - Customer Service</b> ELIGIBLE GRADES: A-F, 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.	IND	EL	1 to 3	6		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4935</b>	<b>Independent Study - Customer Service</b> ELIGIBLE GRADES: A-F, 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.	IND	IS	1 to 3	6		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4952</b>	<b>Workshop in Family and Consumer Sciences Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences	LEC	EL	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4952</b>	<b>Workshop in Family and Consumer Sciences Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences	LEC	LE	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4953</b>	<b>Workshop in Customer Service</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Content varies.	LEC	EL	1 to 3	4		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4953</b>	<b>Workshop in Customer Service</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Content varies.	LEC	LE	1 to 3	4		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4954</b>	<b>Resource and Financial Management</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Workshop in Resource and Financial Management	LEC	EL	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4954</b>	<b>Resource and Financial Management</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Workshop in Resource and Financial Management	LEC	LE	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4955</b>	<b>Workshop in Family and Consumer Sciences - Family Life Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Special workshops on topics related to family life education.	LEC	EL	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4955</b>	<b>Workshop in Family and Consumer Sciences - Family Life Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Special workshops on topics related to family life education.	LEC	LE	1 to 6	999		N	U30		0
EHS	HCSE	<b>CONS</b>	<b>4961</b>	<b>Seminar in Family and Consumer Sciences Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Offers an opportunity to gain leadership and organizational skills for special projects in Family and Consumer Sciences Education	LEC	EL	1 to 6	999		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	<b>CONS</b>	<b>4961</b>	<b>Seminar in Family and Consumer Sciences Education</b>	LEC	LE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, 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>4965</b>	<b>Human and Consumer Sciences Seminar in International Service</b>	SEM	SE	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, 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>4966</b>	<b>Seminar or Short Course in Human and Consumer Sciences - Research</b>	SEM	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Advanced studies of research and recent developments in human and consumer sciences disciplines.									
EHS	HCSE	<b>CONS</b>	<b>4966</b>	<b>Seminar or Short Course in Human and Consumer Sciences - Research</b>	SEM	SE	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>5900</b>	<b>Special Topics in Human and Consumer Sciences Education General</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5952</b>	<b>Workshop in Family and Consumer Sciences Education</b>	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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 Service</b>	LEC	EL	1 to 3	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Content varies.									
EHS	HCSE	<b>CONS</b>	<b>5953</b>	<b>Workshop in Customer Service</b>	LEC	LE	1 to 3	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Content varies.									
EHS	HCSE	<b>CONS</b>	<b>5954</b>	<b>Resource and Financial Management</b>	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Workshop in Resource and Financial Management									
EHS	HCSE	<b>CONS</b>	<b>5954</b>	<b>Resource and Financial Management</b>	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Special workshops on topics related to family life education.									
EHS	HCSE	<b>CONS</b>	<b>5955</b>	<b>Workshop in Family and Consumer Sciences - Family Life Education</b>	LEC	LE	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Special workshops on topics related to family life education.									

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EHS	HCSE	<b>CONS</b>	<b>5961</b>	<b>Seminar in Family and Consumer Sciences Education</b>	LEC	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5961</b>	<b>Seminar in Family and Consumer Sciences Education</b>	LEC	LE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5965</b>	<b>Human and Consumer Sciences Seminar in International Service</b>	SEM	SE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Advanced studies of research and recent developments in human and consumer sciences disciplines.									
EHS	HCSE	<b>CONS</b>	<b>5966</b>	<b>Seminar or Short Course in Human and Consumer Sciences - Research</b>	SEM	SE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Prepares graduate students to develop research topics and proposals in anticipation of thesis work.									
EHS	HCSE	<b>CONS</b>	<b>6000</b>	<b>Seminar in Human and Consumer Sciences</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Prepares graduate students to develop research topics and proposals in anticipation of thesis work.									
EHS	HCSE	<b>CONS</b>	<b>6900</b>	<b>Special Topics in Human and Consumer Sciences Education General</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>6900</b>	<b>Special Topics in Human and Consumer Sciences Education General</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>CONS</b>	<b>6940</b>	<b>Research</b>	RSC	RS	1 to 5	20		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Independent investigation in major area of Human and Consumer Sciences. Permission required									
EHS	HCSE	<b>CONS</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Thesis writing in one specialized area of Human and Consumer Sciences.									
EHS	HCSE	<b>RFPD</b>	<b>1100</b>	<b>Fashion and Culture</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		To consider the factors that influence consumer adoption of fashion. Emphasis will be placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.									
EHS	HCSE	<b>RFPD</b>	<b>1100</b>	<b>Fashion and Culture</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		To consider the factors that influence consumer adoption of fashion. Emphasis will be placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.									
EHS	HCSE	<b>RFPD</b>	<b>1500</b>	<b>Design and Illustration Techniques</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Design and illustration techniques in relation to stylization and customer profiling. Variety of media introduced for visually communicating through a variety of presentation formats.									

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EHS	HCSE	<b>RFPD</b>	<b>1500</b>	<b>Design and Illustration Techniques</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Design and illustration techniques in relation to stylization and customer profiling. Variety of media introduced for visually communicating through a variety of presentation formats.									
EHS	HCSE	<b>RFPD</b>	<b>1600</b>	<b>Color Theory for Visual Merchandising</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RFPD major or premajor Focuses on the characteristics, relationships, and theories of color based on major color systems. Emphasis on applications of color for visual merchandising and product development in the fashion industry.									
EHS	HCSE	<b>RFPD</b>	<b>1600</b>	<b>Color Theory for Visual Merchandising</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: RFPD major or premajor Focuses on the characteristics, relationships, and theories of color based on major color systems. Emphasis on applications of color for visual merchandising and product development in the fashion industry.									
EHS	HCSE	<b>RFPD</b>	<b>2010</b>	<b>Introduction to Retailing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Combines theoretical concepts with practical applications from a strategic managerial perspective. Lecture and discussion will provide the primary basis for developing materials in class. Lectures will supplement and expand upon concepts presented in the text. Current events will be explored to provide students with the opportunity to integrate course material with actual business operations within the retail industry.									
EHS	HCSE	<b>RFPD</b>	<b>2010</b>	<b>Introduction to Retailing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Combines theoretical concepts with practical applications from a strategic managerial perspective. Lecture and discussion will provide the primary basis for developing materials in class. Lectures will supplement and expand upon concepts presented in the text. Current events will be explored to provide students with the opportunity to integrate course material with actual business operations within the retail industry.									
EHS	HCSE	<b>RFPD</b>	<b>2150</b>	<b>Elementary Textiles</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr) Properties and processing of fibers, yarns, fabrics, dyes, and finishes, with emphasis on consumer use.									
EHS	HCSE	<b>RFPD</b>	<b>2150</b>	<b>Elementary Textiles</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tier I Math and (Soph or Jr or Sr) Properties and processing of fibers, yarns, fabrics, dyes, and finishes, with emphasis on consumer use.									
EHS	HCSE	<b>RFPD</b>	<b>2900</b>	<b>Special Topics in Retail Merchandising and Fashion Product Development</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	HCSE	<b>RFPD</b>	<b>2900</b>	<b>Special Topics in Retail Merchandising and Fashion Product Development</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	HCSE	<b>RFPD</b>	<b>3830</b>	<b>Product Development, Evaluation, and Distribution</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 Examination of the evaluation criteria for quality control of apparel and related products.									
EHS	HCSE	<b>RFPD</b>	<b>3830</b>	<b>Product Development, Evaluation, and Distribution</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 Examination of the evaluation criteria for quality control of apparel and related products.									
EHS	HCSE	<b>RFPD</b>	<b>3890</b>	<b>Professional Career Search Strategies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 In-depth study of career opportunities and job responsibilities in retail merchandising and fashion product development career paths in preparation for future employment. Assessment of personal and professional skills and interests, resume and cover letter development, interviewing skills and professional dispositions are explored.									
EHS	HCSE	<b>RFPD</b>	<b>3890</b>	<b>Professional Career Search Strategies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in RFPD 2010 In-depth study of career opportunities and job responsibilities in retail merchandising and fashion product development career paths in preparation for future employment. Assessment of personal and professional skills and interests, resume and cover letter development, interviewing skills and professional dispositions are explored.									
EHS	HCSE	<b>RFPD</b>	<b>3910</b>	<b>Work Experience in Retail Merchandising and Fashion Product Development</b>	FLD	EL	1	3		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: C or better in RFPD 3890 and RFPD major (BS6380) Students seek and complete a field work experience in the retail merchandising and fashion product development industry for a total of 80 hours. Projects are related to the learning experience of the individual student. Emphasis is on reflection of the learning experience and its relationship to program goals.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	3910	<b>Work Experience in Retail Merchandising and Fashion Product Development</b>	FLD	FE	1	3		N	U30		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: C or better in RFPD 3890 and RFPD major (BS6380) Students seek and complete a field work experience in the retail merchandising and fashion product development industry for a total of 80 hours. Projects are related to the learning experience of the individual student. Emphasis is on reflection of the learning experience and its relationship to program goals.									
EHS	HCSE	RFPD	3930	<b>Studies in Clothing and Textiles</b>	IND	EL	2 to 4	0		N	U30		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Research and independent study in a student selected area of clothing and textiles.									
EHS	HCSE	RFPD	3930	<b>Studies in Clothing and Textiles</b>	IND	IS	2 to 4	0		N	U30		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Research and independent study in a student selected area of clothing and textiles.									
EHS	HCSE	RFPD	4070	<b>Global Issues in Textile, Apparel, and Retail Industries</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: (ECON 1000 or 1040) and (Tier I composition or concurrent) and C or better in RFPD 2010 and (Jr or Sr) Economic factors influencing retail merchandising and fashion product development industries treated in depth. The influence of international trade and changing technologies are addressed in terms of their implications for global consumers and professionals who produce and sell products.									
EHS	HCSE	RFPD	4070	<b>Global Issues in Textile, Apparel, and Retail Industries</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: (ECON 1000 or 1040) and (Tier I composition or concurrent) and C or better in RFPD 2010 and (Jr or Sr) Economic factors influencing retail merchandising and fashion product development industries treated in depth. The influence of international trade and changing technologies are addressed in terms of their implications for global consumers and professionals who produce and sell products.									
EHS	HCSE	RFPD	4150	<b>Flat Pattern</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.									
EHS	HCSE	RFPD	4150	<b>Flat Pattern</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr Creative apparel design and interpretation with emphasis on flat pattern manipulation. Critical analysis of design problems and demonstration of creative solution to apparel fit and construction challenges.									
EHS	HCSE	RFPD	4160	<b>Draping</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr Designing of apparel using draping techniques. Emphasis on fabric as medium rather than pattern development in design process.									
EHS	HCSE	RFPD	4160	<b>Draping</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Jr or Sr Designing of apparel using draping techniques. Emphasis on fabric as medium rather than pattern development in design process.									
EHS	HCSE	RFPD	4230	<b>Retail Merchandising- Promotional Strategy</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: JOUR 2500 and C or better in RFPD 2010 and (Jr or Sr) Provides overview to understanding the social psychological communication governing the design and organization of both producer and consumer buying and selling space. Emphasis on critical analysis and practical application of the way in which goods, services, and ideas can be promoted within the retail merchandising and fashion product development industry.									
EHS	HCSE	RFPD	4230	<b>Retail Merchandising- Promotional Strategy</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: JOUR 2500 and C or better in RFPD 2010 and (Jr or Sr) Provides overview to understanding the social psychological communication governing the design and organization of both producer and consumer buying and selling space. Emphasis on critical analysis and practical application of the way in which goods, services, and ideas can be promoted within the retail merchandising and fashion product development industry.									
EHS	HCSE	RFPD	4300	<b>Fashion Buying and Assortment Planning</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: MIS 2011 and C or better in RFPD 2010 and (Jr or Sr) Retail merchandising and management principles related to buying and controlling fashion merchandise. Emphasis on store inventory management, profit generation, planning, buying, and controlling merchandise assortments. Retail mathematics problems included. Advanced use of spreadsheets incorporated into course content.									
EHS	HCSE	RFPD	4300	<b>Fashion Buying and Assortment Planning</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: MIS 2011 and C or better in RFPD 2010 and (Jr or Sr) Retail merchandising and management principles related to buying and controlling fashion merchandise. Emphasis on store inventory management, profit generation, planning, buying, and controlling merchandise assortments. Retail mathematics problems included. Advanced use of spreadsheets incorporated into course content.									
EHS	HCSE	RFPD	4540	<b>Clothing for Persons with Special Needs</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Exploring dressing techniques and functional design alternatives for individuals with special needs. Focus given to populations such as elderly, physically, or mentally disabled, and temporarily or permanently disabled.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	4540	<b>Clothing for Persons with Special Needs</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RFPD	4800	<b>Strategic Retail Policy</b> ELIGIBLE GRADES: A-F COURSE DESC: Capstone course serves as an intensive personal and professional assessment tool for prospective leaders in the retail merchandising and fashion product development industry. Students apply knowledge forged during internship experiences in policy analysis, with perspective of ethical decision making emphasized.	LEC	EL	3	0	3	N	U30		0
EHS	HCSE	RFPD	4800	<b>Strategic Retail Policy</b> ELIGIBLE GRADES: A-F COURSE DESC: Capstone course serves as an intensive personal and professional assessment tool for prospective leaders in the retail merchandising and fashion product development industry. Students apply knowledge forged during internship experiences in policy analysis, with perspective of ethical decision making emphasized.	LEC	LE	3	0	3	N	U30		0
EHS	HCSE	RFPD	4900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	HCSE	RFPD	4900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	HCSE	RFPD	4910	<b>Internship: Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: On-the-job experience through cooperation with industry retail merchandising and fashion product development establishments.	FLD	EL	12	0		N	U30		0
EHS	HCSE	RFPD	4910	<b>Internship: Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: On-the-job experience through cooperation with industry retail merchandising and fashion product development establishments.	FLD	FE	12	0		N	U30		0
EHS	HCSE	RFPD	4920	<b>New York Study Tour</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Directed study problems related to retail merchandising and fashion product development industry in conjunction with on-site tours of market centers. Fees for travel, food and housing.	PRA	PR	1	2		N	U30		0
EHS	HCSE	RFPD	4930	<b>Independent Study - Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, 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.	IND	EL	1 to 3	6		I	U30		0
EHS	HCSE	RFPD	4930	<b>Independent Study - Retail Merchandising and Fashion Product Development</b> ELIGIBLE GRADES: A-F, 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.	IND	IS	1 to 3	6		I	U30		0
EHS	HCSE	RFPD	5070	<b>Global Issues in Textile, Apparel, and Retail Industries</b> ELIGIBLE GRADES: A-F COURSE DESC: Economic factors influencing textile and fashion industries treated in depth. Impact of international trade and changing technologies addressed in terms of implications for global consumers and merchants who develop products and sell to them. Students apply critical analysis of these topics through review of current scholarship.	LEC	EL	3	0		N	G40		0
EHS	HCSE	RFPD	5070	<b>Global Issues in Textile, Apparel, and Retail Industries</b> ELIGIBLE GRADES: A-F COURSE DESC: Economic factors influencing textile and fashion industries treated in depth. Impact of international trade and changing technologies addressed in terms of implications for global consumers and merchants who develop products and sell to them. Students apply critical analysis of these topics through review of current scholarship.	LEC	LE	3	0		N	G40		0
EHS	HCSE	RFPD	5150	<b>Flat Pattern</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	<b>RFPD</b>	<b>5150</b>	<b>Flat Pattern</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5540</b>	<b>Clothing for Persons with Special Needs</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Various dressing techniques and functional design alternatives available to increase independence of individuals with special needs. Focus on such populations as the elderly, mentally disabled, and temporarily or permanently physically disabled.									
EHS	HCSE	<b>RFPD</b>	<b>5540</b>	<b>Clothing for Persons with Special Needs</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Various dressing techniques and functional design alternatives available to increase independence of individuals with special needs. Focus on such populations as the elderly, mentally disabled, and temporarily or permanently physically disabled.									
EHS	HCSE	<b>RFPD</b>	<b>5900</b>	<b>Special Topics in Retail Merchandising and Fashion Product Development</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>RFPD</b>	<b>5900</b>	<b>Special Topics in Retail Merchandising and Fashion Product Development</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	HCSE	<b>RFPD</b>	<b>5940</b>	<b>Studies in Textile Testing</b>	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Individual research and lab testing of problems in advanced textiles.									
EHS	HCSE	<b>RFPD</b>	<b>6050</b>	<b>History of Costume</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Clothing through the ages as reflection of historical period and source for present-day design.									
EHS	HCSE	<b>RFPD</b>	<b>6050</b>	<b>History of Costume</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Clothing through the ages as reflection of historical period and source for present-day design.									
EHS	HCSE	<b>RFPD</b>	<b>6060</b>	<b>History of Textiles</b>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Course description not available.									
EHS	HCSE	<b>RFPD</b>	<b>6060</b>	<b>History of Textiles</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Course description not available.									
EHS	HCSE	<b>RFPD</b>	<b>6090</b>	<b>Psychological, Social, and Economic Aspects of Clothing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									
EHS	HCSE	<b>RFPD</b>	<b>6090</b>	<b>Psychological, Social, and Economic Aspects of Clothing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									
EHS	HCSE	<b>RFPD</b>	<b>6170</b>	<b>Readings in Apparel, Textiles and Merchandising</b>	SEM	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analysis and interpretation of current writings and research with emphasis on new developments and trends.									
EHS	HCSE	<b>RFPD</b>	<b>6170</b>	<b>Readings in Apparel, Textiles and Merchandising</b>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analysis and interpretation of current writings and research with emphasis on new developments and trends.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RFPD	6500	<b>Theories in Merchandising and Consumer Sciences</b> A-F REQUISITE: The purpose is to help students understand the function of theory and examine theoretical components in merchandising. Helps students to be able to discuss the process of concept and statement development and to explain how these contribute to theory development in Apparel, Textiles and Merchandising (ATM). Students will analyze and critique theories in merchandising such as Theory of Fashion Process, Consumer Attitude Theories, Diffusion of Innovations Theory and Fashion Leadership Theory.	LEC	EL	3	0		N	G40		0
EHS	HCSE	RFPD	6500	<b>Theories in Merchandising and Consumer Sciences</b> A-F REQUISITE: The purpose is to help students understand the function of theory and examine theoretical components in merchandising. Helps students to be able to discuss the process of concept and statement development and to explain how these contribute to theory development in Apparel, Textiles and Merchandising (ATM). Students will analyze and critique theories in merchandising such as Theory of Fashion Process, Consumer Attitude Theories, Diffusion of Innovations Theory and Fashion Leadership Theory.	LEC	LE	3	0		N	G40		0
EHS	HCSE	RFPD	6900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	HCSE	RFPD	6900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> A-F, CR, PR REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	HCSE	RHT	1050	<b>Introduction to Food Operations Management</b> A-F REQUISITE: Permission required Overview of basic management concepts as they relate to the successful operation of a food service.	LEC	EL	1	0		I	U10		0
EHS	HCSE	RHT	1050	<b>Introduction to Food Operations Management</b> A-F REQUISITE: Permission required Overview of basic management concepts as they relate to the successful operation of a food service.	LEC	LE	1	0		I	U10		0
EHS	HCSE	RHT	1100	<b>Introduction to Hospitality</b> A-F REQUISITE: Fr or Soph Overview of restaurants, institutional food service, hotels, and travel and tourism. Exploration of different career possibilities in the hospitality industry.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RHT	1100	<b>Introduction to Hospitality</b> A-F REQUISITE: Fr or Soph Overview of restaurants, institutional food service, hotels, and travel and tourism. Exploration of different career possibilities in the hospitality industry.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RHT	1200	<b>Food and Culture</b> A-F REQUISITE: Investigate what and how people eat and explore how geography and history have shaped the food patterns and cultures of countries and regions throughout the world.	LEC	EL	3	0	2CP	N	U30		0
EHS	HCSE	RHT	1200	<b>Food and Culture</b> A-F REQUISITE: Investigate what and how people eat and explore how geography and history have shaped the food patterns and cultures of countries and regions throughout the world.	LEC	LE	3	0	2CP	N	U30		0
EHS	HCSE	RHT	1330	<b>Food Sanitation and Safety</b> A-F REQUISITE: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Hazard Analysis Critical Control Points (HACCP) covered. Upon completion, students eligible for national and Ohio certification in Food Safety.	LEC	EL	1	0		N	U30		0
EHS	HCSE	RHT	1330	<b>Food Sanitation and Safety</b> A-F REQUISITE: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Hazard Analysis Critical Control Points (HACCP) covered. Upon completion, students eligible for national and Ohio certification in Food Safety.	LEC	LE	1	0		N	U30		0
EHS	HCSE	RHT	2900	<b>Special Topics in Restaurant, Hotel and Tourism</b> A-F, CR REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	HCSE	RHT	2900	<b>Special Topics in Restaurant, Hotel and Tourism</b> A-F, CR REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0

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EHS	HCSE	RHT	2990	<b>Introductory Food Preparation</b>	LAB	LB	4	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and C or better in RHT 1330									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	2990	<b>Introductory Food Preparation</b>	LEC	EL	4	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and C or better in RHT 1330									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	2990	<b>Introductory Food Preparation</b>	LEC	LE	4	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and C or better in RHT 1330									
				COURSE DESC: Introduction to Food Preparation.									
EHS	HCSE	RHT	3340	<b>Introduction Food Production: Hospitality</b>	LAB	LB	3	0		I	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Permission required and C or better in RHT 2990 and (NUTR 3330 or concurrent)									
				COURSE DESC: Applications of the principles of quantity food production. Experience in commercial kitchens; central foods facility utilizing a high-tech cook-chill system, bakery and vegetable preparation, commercial foods retail outlet with six different concepts. Apply food safety and sanitation principles by participating in the HACCP plan. Use of standardized recipes.									
EHS	HCSE	RHT	3350	<b>Food Service Purchasing</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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	3350	<b>Food Service Purchasing</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	SEM	SE	1 to 3	3		I	U30		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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	3410	<b>Principles of Tourism</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LAB	LB	3	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and RHT 3340									
				COURSE DESC: Course description not available.									
EHS	HCSE	RHT	3600	<b>Catering for the Hospitality Industry</b>	LEC	EL	3	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and RHT 3340									
				COURSE DESC: Course description not available.									
EHS	HCSE	RHT	3600	<b>Catering for the Hospitality Industry</b>	LEC	LE	3	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: Permission required and RHT 3340									
				COURSE DESC: Course description not available.									
EHS	HCSE	RHT	3610	<b>Hotel Operations</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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	3610	<b>Hotel Operations</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: MKT 2020 and NUTR 3300 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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: MKT 2020 and NUTR 3300 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.									

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EHS	HCSE	RHT	3620	<b>Convention and Event Planning</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 and WARNING: not COMS 4050 Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.									
EHS	HCSE	RHT	3700	<b>Introduction to Casino Management</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: MATH 1200 and RHT 1100 and (Jr or Sr) An overview of the Casino Operations and Management, including: history of gaming, uses of cash flows within destination and repeater-market casino properties; casino organizational structure and job duties; gaming regulatory structure; slot operations; protocol of the following games: baccarat, twenty-one, craps, roulette, three-card poker, and fan tan. Also featured are the applications of casino marketing.									
EHS	HCSE	RHT	3700	<b>Introduction to Casino Management</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: MATH 1200 and RHT 1100 and (Jr or Sr) An overview of the Casino Operations and Management, including: history of gaming, uses of cash flows within destination and repeater-market casino properties; casino organizational structure and job duties; gaming regulatory structure; slot operations; protocol of the following games: baccarat, twenty-one, craps, roulette, three-card poker, and fan tan. Also featured are the applications of casino marketing.									
EHS	HCSE	RHT	3910	<b>Hospitality Field Experience</b>	FLD	EL	1	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: Permission required and C or better in NUTR 3330 Professional experience in restaurants, hotels, or other hospitality establishments under the supervision of an experienced industry supervisor.									
EHS	HCSE	RHT	3910	<b>Hospitality Field Experience</b>	FLD	FE	1	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: Permission required and C or better in NUTR 3330 Professional experience in restaurants, hotels, or other hospitality establishments under the supervision of an experienced industry supervisor.									
EHS	HCSE	RHT	4000	<b>Hospitality Senior Seminar</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: RHT 4920 concurrent Development of portfolios and case study reviews provide an opportunity for hospitality students to demonstrate personal and professional growth through reflection and career assessment.									
EHS	HCSE	RHT	4000	<b>Hospitality Senior Seminar</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: RHT 4920 concurrent Development of portfolios and case study reviews provide an opportunity for hospitality students to demonstrate personal and professional growth through reflection and career assessment.									
EHS	HCSE	RHT	4390	<b>Restaurant Operations</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4390	<b>Restaurant Operations</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4390	<b>Restaurant Operations</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in NUTR 3300 and RHT 4420 or concurrent Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	4400	<b>Beverage Management</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in RHT 4420 or concurrent Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	4400	<b>Beverage Management</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in RHT 4420 or concurrent Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	4420	<b>Accounting for Hospitality Operations</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in NUTR 3300 and ACCT 1010 Examination and application of managerial and financial accounting principles for the hospitality operations.									
EHS	HCSE	RHT	4420	<b>Accounting for Hospitality Operations</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: C or better in NUTR 3300 and ACCT 1010 Examination and application of managerial and financial accounting principles for the hospitality operations.									
EHS	HCSE	RHT	4430	<b>Marketing for Hospitality and Tourism</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	4430	<b>Marketing for Hospitality and Tourism</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: MKT 2020 and NUTR 3300 Application of marketing principles and concepts for the hospitality and tourism industry.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RHT	4700	<b>Casino Management II</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RHT	4700	<b>Casino Management II</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RHT	4750	<b>Casino Marketing Operations</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
EHS	HCSE	RHT	4750	<b>Casino Marketing Operations</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
EHS	HCSE	RHT	4900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	HCSE	RHT	4900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	HCSE	RHT	4920	<b>Hospitality Practicum</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Food service experience at a food service establishment under the supervision of an experienced professional.	PRA	EL	12	0		I	U30		0
EHS	HCSE	RHT	4920	<b>Hospitality Practicum</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Food service experience at a food service establishment under the supervision of an experienced professional.	PRA	PR	12	0		I	U30		0
EHS	HCSE	RHT	4930	<b>Independent Study in Hospitality</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.	IND	EL	2 to 5	6		I	U30		0
EHS	HCSE	RHT	4930	<b>Independent Study in Hospitality</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.	IND	IS	2 to 5	6		I	U30		0
EHS	HCSE	RHT	5330	<b>Food Sanitation and Safety</b> ELIGIBLE GRADES: A-F 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	LEC	EL	1	0		N	G40		0
EHS	HCSE	RHT	5330	<b>Food Sanitation and Safety</b> ELIGIBLE GRADES: A-F 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	LEC	LE	1	0		N	G40		0
EHS	HCSE	RHT	5340	<b>Introduction Food Production: Hospitality</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	3	0		N	G40		0
EHS	HCSE	RHT	5350	<b>Food Service Purchasing</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G40		0
EHS	HCSE	RHT	5350	<b>Food Service Purchasing</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RHT	5370	<b>Food Service Systems I</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: RHT 5330 COURSE DESC: Introduction to tools and functions of management in food service with emphasis on organizational structure, catering, staffing, work methods, human relations skills, sanitation, and safety									
EHS	HCSE	RHT	5370	<b>Food Service Systems I</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: RHT 5330 COURSE DESC: Introduction to tools and functions of management in food service with emphasis on organizational structure, catering, staffing, work methods, human relations skills, sanitation, and safety									
EHS	HCSE	RHT	5380	<b>Food Service Systems II</b>	LEC	EL	3	0		I	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: RHT 5370 and permission required COURSE DESC: Institutional food purchasing, kitchen layout design, equipment selection, facilities management, and cost control.									
EHS	HCSE	RHT	5380	<b>Food Service Systems II</b>	LEC	LE	3	0		I	G40		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: RHT 5370 and permission required COURSE DESC: Institutional food purchasing, kitchen layout design, equipment selection, facilities management, and cost control.									
EHS	HCSE	RHT	5390	<b>Restaurant Operations</b>	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: RHT 5330 COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5390	<b>Restaurant Operations</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: RHT 5330 COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5390	<b>Restaurant Operations</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: RHT 5330 COURSE DESC: Principles of advanced food preparation and service in an ala carte restaurant.									
EHS	HCSE	RHT	5400	<b>Hospitality Study Tour</b>	SEM	EL	1 to 3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Exposure to the latest trends, foods, and equipment in the hospitality industry.									
EHS	HCSE	RHT	5400	<b>Hospitality Study Tour</b>	SEM	SE	1 to 3	6		N	G40		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.									
EHS	HCSE	RHT	5410	<b>Principles of Tourism</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: 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>	LEC	EL	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examinaion and application of managerial and financial accounting principles for the hospaltiy operations.									
EHS	HCSE	RHT	5420	<b>Accounting for Hospitality Operations</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examinaion and application of managerial and financial accounting principles for the hospaltiy operations.									
EHS	HCSE	RHT	5430	<b>Marketing for Hospitality and Tourism</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Application of marketing principles and concepts for the hospitality and tourism industry.									
EHS	HCSE	RHT	5430	<b>Marketing for Hospitality and Tourism</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.									
EHS	HCSE	RHT	5440	<b>Beverage Management</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	HCSE	RHT	5610	<b>Hotel Operations</b> ELIGIBLE GRADES: A-F 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	LEC	EL	3	0		N	G40		0
EHS	HCSE	RHT	5610	<b>Hotel Operations</b> ELIGIBLE GRADES: A-F 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	LEC	LE	3	0		N	G40		0
EHS	HCSE	RHT	5620	<b>Convention and Event Planning</b> ELIGIBLE GRADES: A-F COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.	LAB	LB	3	0		N	G40		0
EHS	HCSE	RHT	5620	<b>Convention and Event Planning</b> ELIGIBLE GRADES: A-F COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.	LEC	EL	3	0		N	G40		0
EHS	HCSE	RHT	5620	<b>Convention and Event Planning</b> ELIGIBLE GRADES: A-F COURSE DESC: Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.	LEC	LE	3	0		N	G40		0
EHS	HCSE	RHT	5900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	HCSE	RHT	5900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	HCSE	RHT	5930	<b>Independent Study in Hospitality</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.	IND	EL	2 to 4	8		N	G40		0
EHS	HCSE	RHT	5930	<b>Independent Study in Hospitality</b> ELIGIBLE GRADES: A-F COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.	IND	IS	2 to 4	8		N	G40		0
EHS	HCSE	RHT	6900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	HCSE	RHT	6900	<b>Special Topics in Restaurant, Hotel and Tourism</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	HCSE	RHT	6940	<b>Research in Hospitality</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Independent investigation in hospitality. Permission required	RSC	RS	2 to 4	5		N	G40		0
EHS	HCSE	T3	4720	<b>Clothing and Culture</b> ELIGIBLE GRADES: A-F COURSE DESC: Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources and activities relating to cultural/subcultural patterns.	LEC	EL	3	0	3	N	U30		0
EHS	HCSE	T3	4720	<b>Clothing and Culture</b> ELIGIBLE GRADES: A-F COURSE DESC: Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources and activities relating to cultural/subcultural patterns.	LEC	LE	3	0	3	N	U30		0
EHS	HCSE	T3	4722	<b>Food and Culture of the Mediterranean</b> ELIGIBLE GRADES: A-F COURSE DESC: Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective. One course in (ANTH or GEOG or SOC) and Sr only	LEC	EL	3	0	3	N	U30		0

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EHS	HCSE	<b>T3</b>	<b>4722</b>	<b>Food and Culture of the Mediterranean</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.									
EHS	HCSE	<b>T3</b>	<b>4725</b>	<b>Women and Leadership: Roles and Responsibilities</b>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F, PR									
				COURSE DESC: Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills are integrated.									
EHS	HCSE	<b>T3</b>	<b>4725</b>	<b>Women and Leadership: Roles and Responsibilities</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F, PR									
				COURSE DESC: Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills are integrated.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>2120</b>	<b>Introduction to Coaching</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Presents an overview of the multiple components (i.e., NASPE's eight coaching domains) involved in coaching individual athletes and athletic teams. Designed for those interested in coaching at the youth, interscholastic, or intercollegiate levels. Focuses on both theory and practical application, and any sport coaching interest is accommodated.									
EHS	RSP	<b>COED</b>	<b>2120</b>	<b>Introduction to Coaching</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Presents an overview of the multiple components (i.e., NASPE's eight coaching domains) involved in coaching individual athletes and athletic teams. Designed for those interested in coaching at the youth, interscholastic, or intercollegiate levels. Focuses on both theory and practical application, and any sport coaching interest is accommodated.									
EHS	RSP	<b>COED</b>	<b>2130</b>	<b>Youth and Sports</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Covers opportunities, controversies, organizations, safety, values, rules, leadership, benefits, and settings of youth sports programs.									
EHS	RSP	<b>COED</b>	<b>2130</b>	<b>Youth and Sports</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Covers opportunities, controversies, organizations, safety, values, rules, leadership, benefits, and settings of youth sports programs.									
EHS	RSP	<b>COED</b>	<b>2510</b>	<b>Techniques and Tactics of Golf</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics associated with soccer.									



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

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

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

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>3313</b>	<b>Coaching Football</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>3318</b>	<b>Coaching Volleyball</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3403</b>	<b>Athletic Officiating--Track and Field</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3403</b>	<b>Athletic Officiating--Track and Field</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3403</b>	<b>Athletic Officiating--Track and Field</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>3417</b>	<b>Athletic Officiating--Softball</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will learn how to officiate volleyball matches.									
EHS	RSP	<b>COED</b>	<b>3510</b>	<b>Coaching of Golf</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2510						
		COURSE DESC:		Theory of coaching golf; analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3510</b>	<b>Coaching of Golf</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2510						
		COURSE DESC:		Theory of coaching golf; analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3511</b>	<b>Coaching of Swimming</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and PESS 1040						
		COURSE DESC:		Theory of coaching swimming and diving; analysis of skills, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3511</b>	<b>Coaching of Swimming</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and PESS 1040						
		COURSE DESC:		Theory of coaching swimming and diving; analysis of skills, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3512</b>	<b>Coaching of Tennis</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2512						
		COURSE DESC:		Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3512</b>	<b>Coaching of Tennis</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2512						
		COURSE DESC:		Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3512</b>	<b>Coaching of Tennis</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2512						
		COURSE DESC:		Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3512</b>	<b>Coaching of Tennis</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2512						
		COURSE DESC:		Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3513</b>	<b>Coaching of Track and Field</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2513						
		COURSE DESC:		Theory of coaching track: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3513</b>	<b>Coaching of Track and Field</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2513						
		COURSE DESC:		Theory of coaching track: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3514</b>	<b>Coaching of Wrestling</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2514						
		COURSE DESC:		Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3514</b>	<b>Coaching of Wrestling</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2514						
		COURSE DESC:		Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3514</b>	<b>Coaching of Wrestling</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and 2514						
		COURSE DESC:		Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>3514</b>	<b>Coaching of Wrestling</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2514							
		COURSE DESC:		Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3515</b>	<b>Coaching of Strength and Conditioning</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2515							
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3515</b>	<b>Coaching of Strength and Conditioning</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2515							
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3515</b>	<b>Coaching of Strength and Conditioning</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2515							
		COURSE DESC:		Theories of strength and conditioning; analysis of lifting mechanics, and duties and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3610</b>	<b>Coaching of Baseball</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2610							
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3610</b>	<b>Coaching of Baseball</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2610							
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3610</b>	<b>Coaching of Baseball</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2610							
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3610</b>	<b>Coaching of Baseball</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2610							
		COURSE DESC:		Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3611</b>	<b>Coaching of Basketball</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2611							
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3611</b>	<b>Coaching of Basketball</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2611							
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3611</b>	<b>Coaching of Basketball</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2611							
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3611</b>	<b>Coaching of Basketball</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2611							
		COURSE DESC:		Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3612</b>	<b>Coaching of Field Hockey</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2612							
		COURSE DESC:		Theory of coaching field hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3612</b>	<b>Coaching of Field Hockey</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2612							
		COURSE DESC:		Theory of coaching field hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3613</b>	<b>Coaching of Football</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2613							
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3613</b>	<b>Coaching of Football</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2613							
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3613</b>	<b>Coaching of Football</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2613							
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>3613</b>	<b>Coaching of Football</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2613							
		COURSE DESC:		Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3614</b>	<b>Coaching of Ice Hockey</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2614							
		COURSE DESC:		Theory of coaching ice hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3614</b>	<b>Coaching of Ice Hockey</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2614							
		COURSE DESC:		Theory of coaching ice hockey: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3615</b>	<b>Coaching of Lacrosse</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2615							
		COURSE DESC:		Theory of coaching lacrosse: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3615</b>	<b>Coaching of Lacrosse</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2615							
		COURSE DESC:		Theory of coaching lacrosse: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3616</b>	<b>Coaching of Soccer</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3616</b>	<b>Coaching of Soccer</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3616</b>	<b>Coaching of Soccer</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2616							
		COURSE DESC:		Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3617</b>	<b>Coaching of Softball</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3617</b>	<b>Coaching of Softball</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3617</b>	<b>Coaching of Softball</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2617							
		COURSE DESC:		Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3618</b>	<b>Coaching of Volleyball</b>	LAB	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3618</b>	<b>Coaching of Volleyball</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3618</b>	<b>Coaching of Volleyball</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>3618</b>	<b>Coaching of Volleyball</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	COED 2120 and 2618							
		COURSE DESC:		Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities.									
EHS	RSP	<b>COED</b>	<b>4180</b>	<b>Special Topics Seminars</b>	SEM	EL	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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.									

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EHS	RSP	<b>COED</b>	<b>4180</b>	<b>Special Topics Seminars</b>	SEM	SE	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on how elite athletes develop and maintain their athletic prowess.									
EHS	RSP	<b>COED</b>	<b>4213</b>	<b>Dynamics of Skill Acquisition</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120						
		COURSE DESC:		Incorporates the theories behind skill acquisition and an explanation of the differences between deliberate practice and play. Motor learning, control, and development will also be a central focus.									
EHS	RSP	<b>COED</b>	<b>4900</b>	<b>Special Topics in Coaching Education</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>4900</b>	<b>Special Topics in Coaching Education</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>4901</b>	<b>Coaching Symposium</b>	SEM	SE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Responding to specialized needs and interests; content and credit hours will vary.									
EHS	RSP	<b>COED</b>	<b>4910</b>	<b>Instructional Experience</b>	FLD	FE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Supervised practice/instructional experience in organizing and teaching activities related to coaching sport.									
EHS	RSP	<b>COED</b>	<b>4920</b>	<b>Practicum in Coaching</b>	PRA	PR	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required and COED 2120						
		COURSE DESC:		Supervised field experience designed to involve student in the athletic coaching setting.									
EHS	RSP	<b>COED</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		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>5210</b>	<b>The Olympic Movement</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympism in relation to contemporary summer and winter Olympiads explored.									
EHS	RSP	<b>COED</b>	<b>5210</b>	<b>The Olympic Movement</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympism in relation to contemporary summer and winter Olympiads explored.									
EHS	RSP	<b>COED</b>	<b>5212</b>	<b>Coaching the Elite Athlete</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Focuses on how elite athletes develop and maintain their athletic prowess.									
EHS	RSP	<b>COED</b>	<b>5213</b>	<b>Dynamics of Skill Acquisition</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Incorporates the theories behind skill acquisition and an explanation of the differences between deliberate practice and play. Motor learning, control, and development will also be a central focus.									
EHS	RSP	<b>COED</b>	<b>5300</b>	<b>Readings in Coaching Education</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Readings and discussion in coaching education. Topics include youth, interscholastic, intercollegiate, Olympic, and professional sport; psychological and sociological issues, coaching education; gender issues; performance and conditioning; and future trends in coaching.									
EHS	RSP	<b>COED</b>	<b>5300</b>	<b>Readings in Coaching Education</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Readings and discussion in coaching education. Topics include youth, interscholastic, intercollegiate, Olympic, and professional sport; psychological and sociological issues, coaching education; gender issues; performance and conditioning; and future trends in coaching.									



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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>5305</b>	<b>Contemporary Issues in Athletic Coaching</b>	SEM	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected issues in athletic coaching are discussed and examined.									
EHS	RSP	<b>COED</b>	<b>5305</b>	<b>Contemporary Issues in Athletic Coaching</b>	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected issues in athletic coaching are discussed and examined.									
EHS	RSP	<b>COED</b>	<b>5900</b>	<b>Special Topics in Coaching Education</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>5900</b>	<b>Special Topics in Coaching Education</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>5901</b>	<b>Coaching Symposium</b>	SEM	EL	1 to 10	20		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Designed to provide flexibility in curriculum for current students to benefit from experts in the area and/or create learning opportunities for possible certificate programs.									
EHS	RSP	<b>COED</b>	<b>5901</b>	<b>Coaching Symposium</b>	SEM	SE	1 to 10	20		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Designed to provide flexibility in curriculum for current students to benefit from experts in the area and/or create learning opportunities for possible certificate programs.									
EHS	RSP	<b>COED</b>	<b>5910</b>	<b>Instructional Experience</b>	FLD	FE	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Supervised practice/instructional experience in organizing and teaching activities related to coaching sport.									
EHS	RSP	<b>COED</b>	<b>6100</b>	<b>Coaching Workshop I</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Focuses on the nature of coaching as a profession and acclimates students to the Coaching Education program. Focuses on the National Standards for Sport Coaches. These standards, originally developed in 1995 and updated in 2006, provide direction for coaching educators, sport administrators, coaches, athletes and their families, and the public regarding the skills and knowledge that coaches should possess.									
EHS	RSP	<b>COED</b>	<b>6100</b>	<b>Coaching Workshop I</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Focuses on the nature of coaching as a profession and acclimates students to the Coaching Education program. Focuses on the National Standards for Sport Coaches. These standards, originally developed in 1995 and updated in 2006, provide direction for coaching educators, sport administrators, coaches, athletes and their families, and the public regarding the skills and knowledge that coaches should possess.									
EHS	RSP	<b>COED</b>	<b>6101</b>	<b>Coaching Workshop II</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	COED 6100 or PESS 518K							
		COURSE DESC:		Provides students with the opportunity to attend a major coaching conference or convention (e.g., NSCAA coaches convention, NCAA Final 4, NFL combine) to learn more about their sport or how to work with elite athletes.									
EHS	RSP	<b>COED</b>	<b>6101</b>	<b>Coaching Workshop II</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	COED 6100 or PESS 518K							
		COURSE DESC:		Provides students with the opportunity to attend a major coaching conference or convention (e.g., NSCAA coaches convention, NCAA Final 4, NFL combine) to learn more about their sport or how to work with elite athletes.									
EHS	RSP	<b>COED</b>	<b>6110</b>	<b>Foundations of Coaching I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaches and methods of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 1 (Philosophy and Ethics) and Domain 4 (Growth and Development) of the National Standards for Sports Coaches (NSSC).									
EHS	RSP	<b>COED</b>	<b>6110</b>	<b>Foundations of Coaching I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaches and methods of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 1 (Philosophy and Ethics) and Domain 4 (Growth and Development) of the National Standards for Sports Coaches (NSSC).									
EHS	RSP	<b>COED</b>	<b>6115</b>	<b>Foundations of Coaching II</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 5 (Teaching and Communication) and Domain 6 (Sport Skills and Tactics) of the National Standards for Sport Coaches (NSSC).									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>6115</b>	<b>Foundations of Coaching II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Synthesizes material covering the numerous responsibilities of coaching athletes at the youth, interscholastic and intercollegiate levels. Content will focus on Domain 5 (Teaching and Communication) and Domain 6 (Sport Skills and Tactics) of the National Standards for Sport Coaches (NSSC).									
EHS	RSP	<b>COED</b>	<b>6120</b>	<b>Management and Leadership in Sport</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Contemporary theories related to management and leadership in sport are examined, and their applications to sport are addressed.									
EHS	RSP	<b>COED</b>	<b>6120</b>	<b>Management and Leadership in Sport</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Contemporary theories related to management and leadership in sport are examined, and their applications to sport are addressed.									
EHS	RSP	<b>COED</b>	<b>6130</b>	<b>Finance for Sport Coaches</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Designed to explore the coaches' financial responsibilities, especially those related to fundraising, facilities, and equipment. The purpose of this course is to better equip developing sport coaches in handling the finances of their programs. Coaches at most level are required to fund-raise, manage, or develop facilities, and care for equipment. This course is a reflection of Domain 7 (Organization and Administration) from the National Standards for Sport Coaches (NASPE, 2006).									
EHS	RSP	<b>COED</b>	<b>6130</b>	<b>Finance for Sport Coaches</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Designed to explore the coaches' financial responsibilities, especially those related to fundraising, facilities, and equipment. The purpose of this course is to better equip developing sport coaches in handling the finances of their programs. Coaches at most level are required to fund-raise, manage, or develop facilities, and care for equipment. This course is a reflection of Domain 7 (Organization and Administration) from the National Standards for Sport Coaches (NASPE, 2006).									
EHS	RSP	<b>COED</b>	<b>6140</b>	<b>Psychology of Coaching</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analysis of psychological factors and principles designed to assist coaches in their ability to describe, explain, and predict attitudes, feelings, and behaviors of sports participants.									
EHS	RSP	<b>COED</b>	<b>6140</b>	<b>Psychology of Coaching</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Analysis of psychological factors and principles designed to assist coaches in their ability to describe, explain, and predict attitudes, feelings, and behaviors of sports participants.									
EHS	RSP	<b>COED</b>	<b>6150</b>	<b>Injury Prevention &amp; Risk Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Designed to explore the coach's responsibility towards athlete safety that includes understanding the risk of injury, working with a sports medicine team and addressing facility, equipment and environmental concerns. Additionally, students will examine the potential sources of legal challenges and draw implications for best practices through case study, discussions, and current information designed to provide a high standard of care.									
EHS	RSP	<b>COED</b>	<b>6150</b>	<b>Injury Prevention &amp; Risk Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Designed to explore the coach's responsibility towards athlete safety that includes understanding the risk of injury, working with a sports medicine team and addressing facility, equipment and environmental concerns. Additionally, students will examine the potential sources of legal challenges and draw implications for best practices through case study, discussions, and current information designed to provide a high standard of care.									
EHS	RSP	<b>COED</b>	<b>6160</b>	<b>Performance and Conditioning for Athletic Coaches</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Presents principles and applications of athletic performance and conditioning for coaches.									
EHS	RSP	<b>COED</b>	<b>6160</b>	<b>Performance and Conditioning for Athletic Coaches</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Presents principles and applications of athletic performance and conditioning for coaches.									
EHS	RSP	<b>COED</b>	<b>6170</b>	<b>Ethics and Diversity in Athletic Coaching</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Encompasses the ethical and diversity issues pertaining to athletic coaches. The primary focuses will be on appropriate actions in conducting, organizing, teaching, and coaching activities.									
EHS	RSP	<b>COED</b>	<b>6170</b>	<b>Ethics and Diversity in Athletic Coaching</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Encompasses the ethical and diversity issues pertaining to athletic coaches. The primary focuses will be on appropriate actions in conducting, organizing, teaching, and coaching activities.									
EHS	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	LAB	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides opportunities for the advancement of skill development in current technological techniques appropriate to coaching science.									
EHS	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	LAB	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic research methods that athletic coaches use during their tenure. There will be a focus on analysis performance both objectively and subjectively. Students will be introduced to qualitative, quantitative, and action-research methods as they pertain to the active coach.									
EHS	RSP	<b>COED</b>	<b>6210</b>	<b>Coaching Soccer: The Beautiful Game</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Soccer's universality is its simplicity - the fact that the game can be played anywhere with anything. Soccer is not a stand-in for anything else. This course will explore what soccer coaches need to know about being a coach, what roles they are required to perform and how they will teach the beautiful game to players at all skill levels. Methods of coaching, technical and tactical instruction and the development of seasonal and daily practice plans are the foundations of this course.									
EHS	RSP	<b>COED</b>	<b>6210</b>	<b>Coaching Soccer: The Beautiful Game</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Soccer's universality is its simplicity - the fact that the game can be played anywhere with anything. Soccer is not a stand-in for anything else. This course will explore what soccer coaches need to know about being a coach, what roles they are required to perform and how they will teach the beautiful game to players at all skill levels. Methods of coaching, technical and tactical instruction and the development of seasonal and daily practice plans are the foundations of this course.									
EHS	RSP	<b>COED</b>	<b>6220</b>	<b>Concepts of Soccer Player Development</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examines developmentally appropriate practices for coaches when working with children ages 12 and under. Growth and development issues, physical and psychomotor characteristics, motor development, cognitive learning and psycho-social issues will be identified and programs to meet the principles of coaching youth soccer will be developed.									
EHS	RSP	<b>COED</b>	<b>6220</b>	<b>Concepts of Soccer Player Development</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Examines developmentally appropriate practices for coaches when working with children ages 12 and under. Growth and development issues, physical and psychomotor characteristics, motor development, cognitive learning and psycho-social issues will be identified and programs to meet the principles of coaching youth soccer will be developed.									
EHS	RSP	<b>COED</b>	<b>6250</b>	<b>Soccer: The Global Game</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6250</b>	<b>Soccer: The Global Game</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>6270</b>	<b>Advanced Soccer Player Development</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Advanced Soccer Player Development will focus on the coach's role in technical, tactical, physical, and psychosocial development and as it relates to all areas of the field for players age 14 and older. Content will also include goalkeeper training, systems of play and set pieces. Attention will be paid to decision-making, competitiveness, concentration, communication, respect and discipline.									
EHS	RSP	<b>COED</b>	<b>6270</b>	<b>Advanced Soccer Player Development</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Advanced Soccer Player Development will focus on the coach's role in technical, tactical, physical, and psychosocial development and as it relates to all areas of the field for players age 14 and older. Content will also include goalkeeper training, systems of play and set pieces. Attention will be paid to decision-making, competitiveness, concentration, communication, respect and discipline.									
EHS	RSP	<b>COED</b>	<b>6280</b>	<b>Leadership and Team Dynamics in Soccer</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will explore leadership theory and practices for soccer coaches as well as identifying team building strategies, game and practice management responsibilities, scheduling, travel, budget, fund raising, equipment purchasing, recruiting and other pre/in/off season management tasks. Unique soccer management responsibilities at the youth, interscholastic, club, intercollegiate and professional levels will be identified.									
EHS	RSP	<b>COED</b>	<b>6280</b>	<b>Leadership and Team Dynamics in Soccer</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course will explore leadership theory and practices for soccer coaches as well as identifying team building strategies, game and practice management responsibilities, scheduling, travel, budget, fund raising, equipment purchasing, recruiting and other pre/in/off season management tasks. Unique soccer management responsibilities at the youth, interscholastic, club, intercollegiate and professional levels will be identified.									
EHS	RSP	<b>COED</b>	<b>6300</b>	<b>Training and Conditioning for Soccer Coaches</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course presents principles and applications of athletic performance for soccer coaches. Students will conduct a needs analysis and develop a soccer specific training program based on the demands of athletes at the level they are coaching. Content will include aerobic and anaerobic fitness, strength and power programming and creating both in-season and off-season training plans. Appropriate program design is based on an understanding of the physiological basis of training and adaptation.									
EHS	RSP	<b>COED</b>	<b>6300</b>	<b>Training and Conditioning for Soccer Coaches</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course presents principles and applications of athletic performance for soccer coaches. Students will conduct a needs analysis and develop a soccer specific training program based on the demands of athletes at the level they are coaching. Content will include aerobic and anaerobic fitness, strength and power programming and creating both in-season and off-season training plans. Appropriate program design is based on an understanding of the physiological basis of training and adaptation.									
EHS	RSP	<b>COED</b>	<b>6320</b>	<b>Sport Performance for Athletic Coaches</b>	LAB	LB	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Students apply knowledge gained from previous exercise science classes to design optimal conditioning programs to enhance athletic performance. Also prepares students for professional certification.									
EHS	RSP	<b>COED</b>	<b>6320</b>	<b>Sport Performance for Athletic Coaches</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Students apply knowledge gained from previous exercise science classes to design optimal conditioning programs to enhance athletic performance. Also prepares students for professional certification.									
EHS	RSP	<b>COED</b>	<b>6330</b>	<b>Analysis of Sport Performance for Coaches</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Methods of analyzing performance in sport. Skill assessments and behavior studies of sports participants analyzed through systematic observations systems designed to reveal target areas for improvement. Observation systems lead to the identification of interventions needed to help improve performance.									
EHS	RSP	<b>COED</b>	<b>6340</b>	<b>Performance Recovery: Strategies for Coaches</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course explores strategies for athletic coaches to help athletes recover, replenish, repair and rebuild physically, mentally and emotionally from the demands of training and athletic performance. Participation in athletics has become a year-round commitment across all sports including youth sports, interscholastic, intercollegiate, Olympic and professional levels. Training and performance demands have increased and coaches must know the latest strategies and methods for helping athletes increase recovery speed, improve agility and coordination, increase flexibility, reduce muscle soreness and reduce stress.									
EHS	RSP	<b>COED</b>	<b>6340</b>	<b>Performance Recovery: Strategies for Coaches</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course explores strategies for athletic coaches to help athletes recover, replenish, repair and rebuild physically, mentally and emotionally from the demands of training and athletic performance. Participation in athletics has become a year-round commitment across all sports including youth sports, interscholastic, intercollegiate, Olympic and professional levels. Training and performance demands have increased and coaches must know the latest strategies and methods for helping athletes increase recovery speed, improve agility and coordination, increase flexibility, reduce muscle soreness and reduce stress.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>COED</b>	<b>6400</b>	<b>Coaching Performance Evaluation</b>	CLN	CL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Students will be assessed on their coaching technical, tactical, and management abilities. Moreover, the students will learn to self critique their coaching after learning how to use different self-assessment tools.									
EHS	RSP	<b>COED</b>	<b>6400</b>	<b>Coaching Performance Evaluation</b>	CLN	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Students will be assessed on their coaching technical, tactical, and management abilities. Moreover, the students will learn to self critique their coaching after learning how to use different self-assessment tools.									
EHS	RSP	<b>COED</b>	<b>6900</b>	<b>Special Topics in Coaching Education</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>6900</b>	<b>Special Topics in Coaching Education</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	RSP	<b>COED</b>	<b>6920</b>	<b>Practicum</b>	PRA	PR	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required Supervised work experience in various aspects of coaching intercollegiate or interscholastic athletics.									
EHS	RSP	<b>COED</b>	<b>6930</b>	<b>Guided Independent Study</b>	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Selected areas of study with written report based on research.									
EHS	RSP	<b>COED</b>	<b>6940</b>	<b>Research Dynamics: Planning, Participation, and Actualization of the Research Process</b>	RSC	RS	1 to 4	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required A hands-on approach to research: developing the idea, establishing the methodology, collecting data, doing the statistical evaluation, and writing the results in publication format.									
EHS	RSP	<b>COED</b>	<b>6941</b>	<b>Special Problems</b>	RSC	RS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									
EHS	RSP	<b>COED</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 4	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and COED 6200 and EDRE 5010 Research and analysis in conducting a master's level thesis.									
EHS	RSP	<b>PED</b>	<b>1000</b>	<b>Exercise and Conditioning</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1001</b>	<b>Aerobic Conditioning</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 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>PED</b>	<b>1002</b>	<b>Circuit Training</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of circuit training. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1003</b>	<b>Weight Training</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of weight training. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1004</b>	<b>Jogging</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of jogging. Students will be graded based on knowledge and participation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PED</b>	<b>1005</b>	<b>Yoga</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of yoga. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1006</b>	<b>Pilates</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of pilates. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1007</b>	<b>Aerobics</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of aerobics Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1008</b>	<b>Spinning</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of spinning. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1009</b>	<b>Group Fitness and Exercise</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette in group fitness and exercise. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1099</b>	<b>Adapted Physical Activity</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary for physical activity and people with special needs. Students will gain knowledge, appreciation, and understanding about adaptive physical activity for people with special needs.									
EHS	RSP	<b>PED</b>	<b>1100</b>	<b>Basketball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of basketball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1101</b>	<b>Lacrosse</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of lacrosse . Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1102</b>	<b>Softball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of softball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1103</b>	<b>Fundamentals of Volleyball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 volleyball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1104</b>	<b>Ultimate Frisbee</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PED</b>	<b>1105</b>	<b>Broomball</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of broomball. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1106</b>	<b>Ice Hockey</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of ice hockey. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1107</b>	<b>Indoor Soccer</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of indoor soccer. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1108</b>	<b>Soccer</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of soccer. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1109</b>	<b>Flag Football</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of flag football. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1110</b>	<b>Team Handball</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of team handball. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1111</b>	<b>Field Hockey</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of field hockey. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1112</b>	<b>Walleyball</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of walleyball. Students will be graded based on knowledge and participation.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1113</b>	<b>Netball</b> ELIGIBLE GRADES: A-F COURSE DESC: This course introduces students to the sport of Netball. Netball evolved from the sport of basketball and is widely played internationally. Netball is played using a free standing hoop on a court that is divided into three sections in a 7 vs 7 setting. This course combines face to face physical activity instruction and online academic learning modules in healthful physical activity as it relates to Netball as well as the knowledge and skills necessary to play Netball.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1114</b>	<b>Jokgu</b> ELIGIBLE GRADES: A-F COURSE DESC: 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.	LAB	LB	1	0		N	U10		0
EHS	RSP	<b>PED</b>	<b>1115</b>	<b>Futsal</b> ELIGIBLE GRADES: A-F COURSE DESC: 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.	LAB	LB	1	0		N	U10		0

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EHS	RSP	<b>PED</b>	<b>1200</b>	<b>Fundamentals of Racquetball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 racquetball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1201</b>	<b>Fundamentals of Tennis</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 tennis. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1202</b>	<b>Fundamentals of Golf</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 golf. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1203</b>	<b>Badminton</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 badminton. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1204</b>	<b>Fundamentals of Indoor Rock Climbing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 indoor rock climbing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1205</b>	<b>Cycling</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 cycling. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1206</b>	<b>Bowling</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 bowling. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1207</b>	<b>Fundamentals of Handball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 handball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1208</b>	<b>Archery</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 archery. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1209</b>	<b>Fundamentals of Ice Skating</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1210</b>	<b>Fundamentals of Figure Skating</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PED</b>	<b>1211</b>	<b>Fundamentals of Snow Skiing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 snow skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1212</b>	<b>Fundamentals of Water Skiing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 water skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1213</b>	<b>Fundamentals of Karate</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 karate. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1214</b>	<b>Fundamentals of Tae Kwon Do</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 tae kwon do. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1215</b>	<b>Fundamentals of Judo</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 judo. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1216</b>	<b>Fundamentals of Belly Dance</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 belly dancing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1217</b>	<b>Country Dance</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 country dance. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1218</b>	<b>Social Dance</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 social dance. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1219</b>	<b>Disc Golf</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 disc golf. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1220</b>	<b>Trail Running</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 trail running. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1221</b>	<b>Hiking</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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 hiking. Students will be graded based on knowledge and participation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PED</b>	<b>1222</b>	<b>Mountain Biking</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1223</b>	<b>Kayaking</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1224</b>	<b>Canoeing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1225</b>	<b>Fundamentals of Triathlon Training</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1260</b>	<b>Physical Conditioning I</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1300</b>	<b>Aqua Aerobics</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1301</b>	<b>Fundamentals of Swimming</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1302</b>	<b>Fundamentals Swim Conditioning</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1401</b>	<b>Fundamentals of Horseback Western Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of western seat horseback riding. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1402</b>	<b>Intermediate Horseback Western Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1401 Builds upon knowledge gained in fundamental horseback and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>1403</b>	<b>Advanced Horseback Western Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1402 Builds upon the intermediate horseback course and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.									

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EHS	RSP	<b>PED</b>	<b>1410</b>	<b>Fundamentals of Horseback Hunt Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1411</b>	<b>Intermediate Horseback Hunt Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1412</b>	<b>Advanced Horseback Hunt Seat</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>1431</b>	<b>Horseback Jumping</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>2103</b>	<b>Intermediate Volleyball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>2200</b>	<b>Intermediate Racquetball</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PED 1200						
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of racquetball. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2201</b>	<b>Intermediate Tennis</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PED 1201						
		COURSE DESC:		Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate tennis. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2202</b>	<b>Intermediate Golf</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>2204</b>	<b>Intermediate Indoor Rock Climbing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>2209</b>	<b>Intermediate Ice Skating</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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>PED</b>	<b>2210</b>	<b>Intermediate Figure Skating</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PED</b>	<b>2211</b>	<b>Intermediate Snow Skiing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1211 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students advance their knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of intermediate snow skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2212</b>	<b>Intermediate Waterskiing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1212 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate water skiing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2213</b>	<b>Intermediate Karate</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1213 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate karate. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2214</b>	<b>Intermediate Tae Kwon Do</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1214 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate tae kwon do. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2215</b>	<b>Intermediate Judo</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1215 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of intermediate judo. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2216</b>	<b>Intermediate Belly Dance</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1216 Designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will advance their knowledge, appreciation, and understanding of the spirit, history, safety, and etiquette of intermediate belly dancing. Students will be graded based on knowledge and participation.									
EHS	RSP	<b>PED</b>	<b>2225</b>	<b>Intermediate Triathlon Training</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1225 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>PED</b>	<b>2301</b>	<b>Intermediate Swimming</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1301 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>PED</b>	<b>2302</b>	<b>Intermediate Swim Conditioning</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1302 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>PED</b>	<b>2801</b>	<b>Advanced Swimming</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PED 1301 and 2301 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>PED</b>	<b>2900</b>	<b>Special Topics in Physical Education Activity</b>	LEC	EL	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	RSP	<b>PED</b>	<b>2900</b>	<b>Special Topics in Physical Education Activity</b>	LEC	LE	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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EHS	RSP	<b>PESS</b>	<b>1030</b>	<b>Beginning Swimming</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Basic swimming skills.									
EHS	RSP	<b>PESS</b>	<b>1040</b>	<b>Intermediate Swimming</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Instruction in basic strokes and related aquatic skills at intermediate and advanced level.									
EHS	RSP	<b>PESS</b>	<b>2180</b>	<b>Life Guard Training</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EXPH 2280						
		COURSE DESC:		Principles and practices of life saving for American Red Cross certification.									
EHS	RSP	<b>PESS</b>	<b>2180</b>	<b>Life Guard Training</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EXPH 2280						
		COURSE DESC:		Principles and practices of life saving for American Red Cross certification.									
EHS	RSP	<b>PESS</b>	<b>2200</b>	<b>Water Safety for Instructors</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PESS 1040						
		COURSE DESC:		Includes analysis of swimming and teaching practices.									
EHS	RSP	<b>PESS</b>	<b>2200</b>	<b>Water Safety for Instructors</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PESS 1040						
		COURSE DESC:		Includes analysis of swimming and teaching practices.									
EHS	RSP	<b>PESS</b>	<b>3800</b>	<b>Life Guard Training Instructor</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PESS 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>PESS</b>	<b>3800</b>	<b>Life Guard Training Instructor</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PESS 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>PESS</b>	<b>4900</b>	<b>Special Topics in Physical Education and Sport Science</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>PESS</b>	<b>4900</b>	<b>Special Topics in Physical Education and Sport Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>PETE</b>	<b>1260</b>	<b>Skill and Fitness for Physical Education Teachers</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Physical skill mastery and high levels of physical fitness are expectations of physical educators. Introduces variety of locomotor, non-locomotor and manipulative skills designed to measure student understanding and motor ability. A series of fitness activities that measure aerobic, anaerobic, flexibility, strength and endurance levels also are included.									
EHS	RSP	<b>PETE</b>	<b>1260</b>	<b>Skill and Fitness for Physical Education Teachers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Physical skill mastery and high levels of physical fitness are expectations of physical educators. Introduces variety of locomotor, non-locomotor and manipulative skills designed to measure student understanding and motor ability. A series of fitness activities that measure aerobic, anaerobic, flexibility, strength and endurance levels also are included.									
EHS	RSP	<b>PETE</b>	<b>2000</b>	<b>Cultural Perspectives and Physical Activity</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students learn about how various cultures view physical activity. Factors relating to culture and physical activity are be explored. Students have the opportunity to recognize the role and meaning of physical activity in their lives, and in the wider community in which they live.									
EHS	RSP	<b>PETE</b>	<b>2000</b>	<b>Cultural Perspectives and Physical Activity</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students learn about how various cultures view physical activity. Factors relating to culture and physical activity are be explored. Students have the opportunity to recognize the role and meaning of physical activity in their lives, and in the wider community in which they live.									
EHS	RSP	<b>PETE</b>	<b>2020</b>	<b>Introduction to Physical Education/Teacher Education</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduces prospective physical educators to the multiple methods of becoming an effective teacher for children in kindergarten through grade 12. Observation of and content development in early childhood, middle childhood, and adolescent and young adult physical education programs will be explored.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PETE</b>	<b>2020</b>	<b>Introduction to Physical Education/Teacher Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Fr or Soph						
		COURSE DESC:		Introduces prospective physical educators to the multiple methods of becoming an effective teacher for children in kindergarten through grade 12. Observation of and content development in early childhood, middle childhood, and adolescent and young adult physical education programs will be explored.									
EHS	RSP	<b>PETE</b>	<b>2100</b>	<b>Physical Activity and Sport Leadership</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course is designed to introduce foundational knowledge in physical activity and sport leadership through exploration of societal trends. Students will have the opportunity to examine, understand, and reflect upon the important role physical activity and sport plays in society and in their own lives.									
EHS	RSP	<b>PETE</b>	<b>2100</b>	<b>Physical Activity and Sport Leadership</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course is designed to introduce foundational knowledge in physical activity and sport leadership through exploration of societal trends. Students will have the opportunity to examine, understand, and reflect upon the important role physical activity and sport plays in society and in their own lives.									
EHS	RSP	<b>PETE</b>	<b>2400</b>	<b>Foundations of Sport and Games in Physical Education I</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	B or better in PETE 1260 or C or better in PETE 2020						
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.									
EHS	RSP	<b>PETE</b>	<b>2400</b>	<b>Foundations of Sport and Games in Physical Education I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	B or better in PETE 1260 or C or better in PETE 2020						
		COURSE DESC:		Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.									
EHS	RSP	<b>PETE</b>	<b>2401</b>	<b>Foundations of Sport and Games in Physical Education II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
EHS	RSP	<b>PETE</b>	<b>2401</b>	<b>Foundations of Sport and Games in Physical Education II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
EHS	RSP	<b>PETE</b>	<b>2700</b>	<b>Teaching of Physical Education</b>	LAB	LB	2	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.									
EHS	RSP	<b>PETE</b>	<b>2700</b>	<b>Teaching of Physical Education</b>	LEC	LE	2	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.									
EHS	RSP	<b>PETE</b>	<b>2900</b>	<b>Special Topics in Physical Education Teacher Education</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>PETE</b>	<b>2900</b>	<b>Special Topics in Physical Education Teacher Education</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>PETE</b>	<b>3090</b>	<b>Tests and Measurements</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (BIOS 1030 and PETE 2020)						
		COURSE DESC:		Administration and evaluation of tests in health, physical education, and athletics; practice in handling test data by elementary statistical methods.									
EHS	RSP	<b>PETE</b>	<b>3090</b>	<b>Tests and Measurements</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (BIOS 1030 and PETE 2020)						
		COURSE DESC:		Administration and evaluation of tests in health, physical education, and athletics; practice in handling test data by elementary statistical methods.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PETE</b>	<b>3100</b>	<b>Principles, Theories and Methods of Teaching Early Childhood Physical Education</b>	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (PETE 2400 and 3090) Examines the role of physical education at the early childhood and elementary level with emphasis in basic movement education with scope and sequencing for ages 3 through grade 6. Students will refine teaching skills and develop an understanding of the interrelation of curriculum, unit and lesson planning unique to teaching early childhood physical education. Observation and interaction with children through field study under the supervision of faculty and cooperating teachers.									
EHS	RSP	<b>PETE</b>	<b>3100</b>	<b>Principles, Theories and Methods of Teaching Early Childhood Physical Education</b>	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (PETE 2400 and 3090) Examines the role of physical education at the early childhood and elementary level with emphasis in basic movement education with scope and sequencing for ages 3 through grade 6. Students will refine teaching skills and develop an understanding of the interrelation of curriculum, unit and lesson planning unique to teaching early childhood physical education. Observation and interaction with children through field study under the supervision of faculty and cooperating teachers.									
EHS	RSP	<b>PETE</b>	<b>3330</b>	<b>Adapted Physical Education</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PESS 3100 Organization of physical activity programs adapted to needs of atypical individuals.									
EHS	RSP	<b>PETE</b>	<b>3330</b>	<b>Adapted Physical Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PESS 3100 Organization of physical activity programs adapted to needs of atypical individuals.									
EHS	RSP	<b>PETE</b>	<b>3700</b>	<b>Principles, Theories and Methods of Teaching Adolescent and Young Adult Physical Education</b>	FLD	FE	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in PETE 3100 Examines the role of physical education at the middle school, adolescent and young adult levels with an emphasis on curriculum development, unit and lesson planning and methods of instruction. Students develop an understanding of the organization and administration of physical education programs appropriate for grades 6-12. 3									
EHS	RSP	<b>PETE</b>	<b>3700</b>	<b>Principles, Theories and Methods of Teaching Adolescent and Young Adult Physical Education</b>	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in PETE 3100 Examines the role of physical education at the middle school, adolescent and young adult levels with an emphasis on curriculum development, unit and lesson planning and methods of instruction. Students develop an understanding of the organization and administration of physical education programs appropriate for grades 6-12. 3									
EHS	RSP	<b>PETE</b>	<b>3700</b>	<b>Principles, Theories and Methods of Teaching Adolescent and Young Adult Physical Education</b>	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in PETE 3100 Examines the role of physical education at the middle school, adolescent and young adult levels with an emphasis on curriculum development, unit and lesson planning and methods of instruction. Students develop an understanding of the organization and administration of physical education programs appropriate for grades 6-12. 3									
EHS	RSP	<b>PETE</b>	<b>4000</b>	<b>Curriculum and Instruction for Physical Education</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The purpose is to provide a framework for using the National Standards/Ohio Academic Content Standards for Physical Education to design a k-12 physical education curriculum. Teacher candidates will explore the historical development of physical education in the U.S., and examine main theme curricula models as the organizing framework for the development of innovative physical education curriculum designed to enhance student learning in physical education. Teacher candidates will explore PK-12 physical education planning and curriculum concepts as well as instructional strategies to produce developmentally appropriate lessons and units for a diverse group of learners in various contexts. Utilizes a hands-on approach to apply principles of instruction and curriculum design to the development of teaching sequences and to develop and evaluate instructional materials.									
EHS	RSP	<b>PETE</b>	<b>4050</b>	<b>Motor Learning</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance.									
EHS	RSP	<b>PETE</b>	<b>4050</b>	<b>Motor Learning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance.									
EHS	RSP	<b>PETE</b>	<b>4900</b>	<b>Special Topics in Physical Education Teacher Education</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>PETE</b>	<b>4900</b>	<b>Special Topics in Physical Education Teacher Education</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	RSP	<b>PETE</b>	<b>4910</b>	<b>Internship in Physical Activity and Sport Coaching</b>	FLD	FE	12	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Sr and Physical Activity and Sport Coaching major and PETE 4960 concurrent This course is designed to provide students with a supervised experience in a professional physical activity and sport coaching organization/agency. This course is taken concurrently with the seminar course (i.e., PETE 4960).									
EHS	RSP	<b>PETE</b>	<b>4960</b>	<b>Physical Activity and Sport Coaching Seminar</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr and Physical Activity and Sport Coaching major and PETE 4910 concurrent This course focuses on the importance of professional development in the field of physical activity and sport coaching. This course is designed to provide an understanding of their responsibilities in continually developing and maintaining professional competencies as practitioners in the respective physical activity and sport coaching field. This course also provides students with guidance in developing professional portfolios related to their physical activity and sport coaching field. This course is taken concurrently with the internship course (i.e., PETE 4910).									
EHS	RSP	<b>PETE</b>	<b>4960</b>	<b>Physical Activity and Sport Coaching Seminar</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr and Physical Activity and Sport Coaching major and PETE 4910 concurrent This course focuses on the importance of professional development in the field of physical activity and sport coaching. This course is designed to provide an understanding of their responsibilities in continually developing and maintaining professional competencies as practitioners in the respective physical activity and sport coaching field. This course also provides students with guidance in developing professional portfolios related to their physical activity and sport coaching field. This course is taken concurrently with the internship course (i.e., PETE 4910).									
EHS	RSP	<b>REC</b>	<b>1000</b>	<b>Wilderness Living Skills</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduces basic backpacking skills and knowledge in order to enhance personal enjoyment of the outdoors, conservation of wild areas, and sound safety practices on outdoor trips. Students learn through direct experience, discussion, demonstration, and reflection.									
EHS	RSP	<b>REC</b>	<b>1005</b>	<b>Winter Wilderness Living Skills</b>	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 1000 Introduces students to the knowledge and skills required to safely and enjoyably travel and camp in the backcountry during winter weather.									
EHS	RSP	<b>REC</b>	<b>1010</b>	<b>Wilderness Navigation</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic foundations to land navigation, from map reading and terrain association, to how to use a compass through class work and hands on practice and experience.									
EHS	RSP	<b>REC</b>	<b>1030</b>	<b>Wilderness Survival</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 1000 Introduces basic knowledge and techniques utilized in wilderness survival situations. Emphasis is placed on avoiding a survival situation, but will deal directly with mental and physical needs of the human body when placed in less than ideal scenarios in nature. Students can expect to take part in a contrived wilderness survival situation to practice and demonstrate the skills they gained.									
EHS	RSP	<b>REC</b>	<b>1060</b>	<b>Hunter Education</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Will primarily be taught as an official State of Ohio Hunter Education Course. Upon successfully completing the course, you will be eligible to become a licensed hunter in Ohio.									
EHS	RSP	<b>REC</b>	<b>1070</b>	<b>Trapshooting</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: To learn the skills and techniques of trapshooting.									
EHS	RSP	<b>REC</b>	<b>1080</b>	<b>Fundamentals of Rock Climbing</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of rock climbing. Topics include, but are not limited to, terminology, top rope site management, safety systems, and movement related to rock-climbing. Students will also learn to apply the principles and practices of Leave No Trace to minimize environmental impacts related to rock climbing.									
EHS	RSP	<b>REC</b>	<b>1081</b>	<b>Sport Rock Climbing</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 1080 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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>1082</b>	<b>Traditional Rock Climbing</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		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>Fly Fishing</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of fly fishing.									
EHS	RSP	<b>REC</b>	<b>1110</b>	<b>Cross Country Snow Skiing</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces basic flatwater canoeing skills and knowledge in order to enhance personal enjoyment of the outdoors and sound safety practices. Students learn through direct experience, discussion, demonstration, and reflection.									
EHS	RSP	<b>REC</b>	<b>1131</b>	<b>Whitewater Canoeing</b>	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		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>	LAB	LB	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		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 Kayaking</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to kayaking that includes paddling techniques and equipment, recommended prior to enrolling in Whitewater Kayaking.									
EHS	RSP	<b>REC</b>	<b>1141</b>	<b>Whitewater Kayaking</b>	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to the knowledge and skills needed to safely and enjoyably participate in the sport of coastal kayaking.									
EHS	RSP	<b>REC</b>	<b>1143</b>	<b>Kayak Touring</b>	LAB	LB	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to whitewater rafting that includes techniques and equipment used by raft guides for professional outfitters. Emphasizes safety, enjoyment, and skill acquisitions for new paddlers of inflatable craft. Introduces and trains paddlers in the basic elements of river reading, White Water safety considerations, and paddling techniques.									
EHS	RSP	<b>REC</b>	<b>1160</b>	<b>Stand Up Paddleboarding</b>	LAB	LB	1	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the knowledge and skills necessary to safely and enjoyably participate in the sport of Stand Up Paddleboarding in calm flatwater conditions, as well as conditions where wind, waves, and currents are present.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>1180</b>	<b>Sailing</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Learn the basic elements of sailing, including terminology, rigging, sailing techniques, safety, and etiquette. Also gain personal skills in resourcefulness, balance, and self-reliance.						
EHS	RSP	<b>REC</b>	<b>1190</b>	<b>Caving</b>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F	REQUISITE:		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>	LAB	LB	1	0		N	U10		50
		ELIGIBLE GRADES:		A-F	REQUISITE:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.						
EHS	RSP	<b>REC</b>	<b>1220</b>	<b>Scuba Diver</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.						
EHS	RSP	<b>REC</b>	<b>1221</b>	<b>Advanced Scuba Diver</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		Provides the opportunity to demonstrate low and high rope skills and to practice facilitation techniques.						
EHS	RSP	<b>REC</b>	<b>1920</b>	<b>Adventure Experience Practicum for Incoming First Year Students</b>	PRA	PR	1 to 6	999		N	U10		0
		ELIGIBLE GRADES:		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).									
EHS	RSP	<b>REC</b>	<b>2000</b>	<b>Introduction to Recreation and Leisure Services</b>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Provides student with broad understanding of nature and scope of recreation and leisure in society as well as a broad overview of the recreation and leisure services profession.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	2000	<b>Introduction to Recreation and Leisure Services</b>	LEC	LE	3	0		N	U30		50
				ELIGIBLE GRADES: A-F COURSE DESC: Provides student with broad understanding of nature and scope of recreation and leisure in society as well as a broad overview of the recreation and leisure services profession.									
EHS	RSP	REC	2010	<b>Recreation and Leisure in Society</b>	LEC	EL	3	0	2SS	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.									
EHS	RSP	REC	2010	<b>Recreation and Leisure in Society</b>	LEC	LE	3	0	2SS	N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.									
EHS	RSP	REC	2150	<b>Outdoor Recreation and Education</b>	LEC	EL	3	0		N	U30		50
				ELIGIBLE GRADES: A-F COURSE DESC: Introduces students to outdoor recreation and education as a professional practice. Students examine the broad scope of the profession while exploring its value to society. Emphasis is placed on the theory and practice of leadership in outdoor recreation and education. Topics include historical and philosophical foundations of outdoor recreation and education, theories of leadership, judgment and decision-making, values and ethics, teaching and facilitation, safety and risk management, and environmental stewardship.									
EHS	RSP	REC	2150	<b>Outdoor Recreation and Education</b>	LEC	LE	3	0		N	U30		50
				ELIGIBLE GRADES: A-F COURSE DESC: Introduces students to outdoor recreation and education as a professional practice. Students examine the broad scope of the profession while exploring its value to society. Emphasis is placed on the theory and practice of leadership in outdoor recreation and education. Topics include historical and philosophical foundations of outdoor recreation and education, theories of leadership, judgment and decision-making, values and ethics, teaching and facilitation, safety and risk management, and environmental stewardship.									
EHS	RSP	REC	2750	<b>Inclusive Recreation</b>	LEC	EL	3	0		N	U30		50
				ELIGIBLE GRADES: A-F COURSE DESC: This course will introduce students to the concepts, methods, and settings for developing inclusive recreation services for diverse populations. These concepts and methods can be applied to individuals and groups that may need adaptations for inclusive recreation services. Students will gain knowledge in universal access, design, and inclusion in community settings.									
EHS	RSP	REC	2750	<b>Inclusive Recreation</b>	LEC	LE	3	0		N	U30		50
				ELIGIBLE GRADES: A-F COURSE DESC: This course will introduce students to the concepts, methods, and settings for developing inclusive recreation services for diverse populations. These concepts and methods can be applied to individuals and groups that may need adaptations for inclusive recreation services. Students will gain knowledge in universal access, design, and inclusion in community settings.									
EHS	RSP	REC	2900	<b>Special Topics in Recreation</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	2900	<b>Special Topics in Recreation</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	3050	<b>Planning and Operating Recreation Areas and Facilities</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Provides knowledge and understanding about planning and operating recreation areas and facilities. Focuses on undeveloped natural areas, developed areas, and facilities and maintenance operations.									
EHS	RSP	REC	3050	<b>Planning and Operating Recreation Areas and Facilities</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Provides knowledge and understanding about planning and operating recreation areas and facilities. Focuses on undeveloped natural areas, developed areas, and facilities and maintenance operations.									
EHS	RSP	REC	3100	<b>Recreation Programming</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Concepts and fundamentals of recreation and program planning.									
EHS	RSP	REC	3100	<b>Recreation Programming</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Concepts and fundamentals of recreation and program planning.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>3110</b>	<b>Expedition Planning &amp; Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 2150 Introduces students to knowledge, skills, and dispositions necessary for effective planning and management of short as well as extended wilderness expeditions. Course topics include goal setting and researching your expedition, training and health considerations, expedition budgeting and finance, logistics and expedition support, transportation and lodging, energy balance and menu planning, equipment, leadership, expedition behavior and communication, and safety and risk management.									
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b>	LAB	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b>	LEC	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Trains students to respond to medical emergencies in remote settings. Students learn to conduct initial scene surveys and patient assessments as well as the protocols and skills for treating a wide range of medical emergencies, including musculoskeletal injuries, soft tissue injuries, and more. Emphasis is placed on developing and exercising critical decision-making skills required to effectively assess and treat injured patients in the field as well as understanding the circumstances under which medical evacuations from the field should be conducted. Students who successfully complete the course will receive professional certification as a Wilderness First Responder.									
EHS	RSP	<b>REC</b>	<b>3130</b>	<b>Fitness and Wellness Programs in Campus Recreation</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 2010 or 200 Examines elements in the organization and administration of fitness and wellness programming in campus recreation programs. 2 lec									
EHS	RSP	<b>REC</b>	<b>3160</b>	<b>Social Programming and Special Events in Campus Recreation</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3160</b>	<b>Social Programming and Special Events in Campus Recreation</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		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, padding proficiency, technical knowledge and teaching competency.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>3220</b>	<b>Whitewater Kayak Instructor Certification</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner whitewater kayakers. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This an American Canoe Association whitewater kayak instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge, and teaching competency.									
EHS	RSP	<b>REC</b>	<b>3230</b>	<b>Swift Water Rescue</b>	LAB	LB	1	2		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 1150 or 1131 or 1141						
		COURSE DESC:		Teaches recognition and avoidance of common river hazards, execution of self-rescue techniques, and rescue techniques for paddlers in distress. Emphasis is placed both on personal safety and on simple, commonly used skills. Techniques for dealing with hazards that carry greater risks for both victim and rescuer, such as strainers, rescue vest applications, entrapments, and pins, also are practiced. Scenarios will provide an opportunity for participants to practice their skills both individually and within a team/group context.									
EHS	RSP	<b>REC</b>	<b>3240</b>	<b>Outdoor Leadership</b>	LAB	LB	9	0		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and REC 1000 and 2150						
		COURSE DESC:		Intensive 25-to-30-day, field-based course designed to help students develop their knowledge and skills as outdoor leaders. The course helps students refine basic wilderness living skills, while developing expertise in specialized modes of wilderness travel. Emphasis is placed on learning the knowledge, skills, and dispositions necessary to conduct safe, enjoyable, and environmentally responsible wilderness-based programs.									
EHS	RSP	<b>REC</b>	<b>3250</b>	<b>Master Scuba Diver</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 1221						
		COURSE DESC:		The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.									
EHS	RSP	<b>REC</b>	<b>3250</b>	<b>Master Scuba Diver</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 1221						
		COURSE DESC:		The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.									
EHS	RSP	<b>REC</b>	<b>3270</b>	<b>Coastal Kayak Instructor Certification</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner coastal kayakers. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This an American Canoe Association coastal kayak instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge, and teaching competency.									
EHS	RSP	<b>REC</b>	<b>3400</b>	<b>Environmental Interpretation</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 2150						
		COURSE DESC:		The art of interpretation is a process of communication, designed to produce both an emotional and intellectual bond between an audience and the cultural and/or natural resources that are the subject of interpretation. Will help students develop an understanding of the principles and techniques necessary for effective interpretation, with a specific focus on interpreting cultural and natural resources in parks and protected areas. Students will design and construct interpretive materials and address how these materials may serve as an important tool in parks and protected areas management.									
EHS	RSP	<b>REC</b>	<b>3460</b>	<b>Parks &amp; Protected Areas Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Provides students with an understanding of the principles and practices of parks and protected areas management.									
EHS	RSP	<b>REC</b>	<b>3460</b>	<b>Parks &amp; Protected Areas Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Provides students with an understanding of the principles and practices of parks and protected areas management.									
EHS	RSP	<b>REC</b>	<b>3510</b>	<b>Recreation Leadership</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 2010 and 2750						
		COURSE DESC:		Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities.									
EHS	RSP	<b>REC</b>	<b>3510</b>	<b>Recreation Leadership</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REC 2010 and 2750						
		COURSE DESC:		Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities.									
EHS	RSP	<b>REC</b>	<b>3550</b>	<b>Principles of Ecotourism</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduce students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach is the focus of the course. Theory, practice, history, terminology and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility and establishing policies and principles for sustainability are discussed.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>3550</b>	<b>Principles of Ecotourism</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3620</b>	<b>Convention and Event Planning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3700J</b>	<b>Writing for Recreation Studies</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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>3910</b>	<b>Field Experiences in Recreation</b>	FLD	FE	2	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and REC 2000 and 2150 and 2750 Designed to provide junior recreation student with opportunity to acquire experience in skills and techniques involved in differing areas of recreation.									
EHS	RSP	<b>REC</b>	<b>3930</b>	<b>Independent Study</b>	IND	IS	1 to 5	5		I	U30		0
		ELIGIBLE GRADES:		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>4050</b>	<b>Professional Development Seminar</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100 Emphasizes the importance of professional development in the field of recreation and leisure services. Designed to provide students with understanding of their responsibilities in continually developing and maintaining professional competency as practitioners in the field. Also provides students with guidance in developing professional portfolios reflecting their expertise as practitioners in the field, finding internship placements, and navigating the job search.									
EHS	RSP	<b>REC</b>	<b>4100</b>	<b>Professional Development in Recreation and Leisure Services Seminar</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100 This course emphasizes the importance of professional development in the field of recreation and leisure services. The course provides students with understanding of their responsibilities in continually developing and maintaining professional competency as practitioners in the field. It helps students gain an understanding of professional practice, ethical principles, and career development. 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 the program, and portraying their level of professional competency in the field.									
EHS	RSP	<b>REC</b>	<b>4100</b>	<b>Professional Development in Recreation and Leisure Services Seminar</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: REC 3050 and 3100 This course emphasizes the importance of professional development in the field of recreation and leisure services. The course provides students with understanding of their responsibilities in continually developing and maintaining professional competency as practitioners in the field. It helps students gain an understanding of professional practice, ethical principles, and career development. 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 the program, and portraying their level of professional competency in the field.									
EHS	RSP	<b>REC</b>	<b>4210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.									
EHS	RSP	<b>REC</b>	<b>4210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.									
EHS	RSP	<b>REC</b>	<b>4220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>4220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4350</b>	<b>Management of Campus Recreation Facilities</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines various aspects of campus recreation facility management including facility planning and design, facility operations, risk management, compliance, and legal liability.									
EHS	RSP	<b>REC</b>	<b>4350</b>	<b>Management of Campus Recreation Facilities</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines various aspects of campus recreation facility management including facility planning and design, facility operations, risk management, compliance, and legal liability.									
EHS	RSP	<b>REC</b>	<b>4430</b>	<b>Marketing for Recreation and Leisure Services</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Application of marketing principles and concepts for the recreation and leisure services industry.									
EHS	RSP	<b>REC</b>	<b>4430</b>	<b>Marketing for Recreation and Leisure Services</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Recreation and Leisure</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Overview of research and evaluation methods as applied to recreation and leisure services.									
EHS	RSP	<b>REC</b>	<b>4450</b>	<b>Research and Evaluation Methods in Recreation and Leisure</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Overview of research and evaluation methods as applied to recreation and leisure services.									
EHS	RSP	<b>REC</b>	<b>4490</b>	<b>Recreation Administration</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Administration, management, and leadership concepts and theories. Foundations of management, principles and procedures of human resource management, understanding of the principles and procedures of budgeting and financial management, and legal foundations.									
EHS	RSP	<b>REC</b>	<b>4490</b>	<b>Recreation Administration</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Administration, management, and leadership concepts and theories. Foundations of management, principles and procedures of human resource management, understanding of the principles and procedures of budgeting and financial management, and legal foundations.									
EHS	RSP	<b>REC</b>	<b>4500</b>	<b>Issues in Campus Recreation</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines and discusses issues affecting the field of campus recreation. Topics include trends, funding, sponsorships, professionalism, student development, service impact, extramural programming, and the role of the National Intramural and Recreational Sports Association (NIRSA) in personal and professional growth.									
EHS	RSP	<b>REC</b>	<b>4550</b>	<b>Administration of Aquatic Facilities</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program.									
EHS	RSP	<b>REC</b>	<b>4550</b>	<b>Administration of Aquatic Facilities</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program.									
EHS	RSP	<b>REC</b>	<b>4560</b>	<b>Ecotourism Destinations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides students with opportunities to examine the principles and practices of ecotourism in action through a Study Abroad experience to select ecotourism destinations. Emphasis is placed on the role of sustainable tourism development strategies in minimizing environmental and cultural impacts of tourism, while also promoting the economic development of host communities in these tourism destinations.									
EHS	RSP	<b>REC</b>	<b>4600</b>	<b>Concepts and Issues in Recreation Management</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study of selected leisure theory and current issues and trends with a strong emphasis on ethics as they pertain to future practices as a professional in the field of recreation management.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>4600</b>	<b>Concepts and Issues in Recreation Management</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		REC 3050 and 3100						
		COURSE DESC:		Study of selected leisure theory and current issues and trends with a strong emphasis on ethics as they pertain to future practices as a professional in the field of recreation management.									
EHS	RSP	<b>REC</b>	<b>4740</b>	<b>Facilitating the Adventure Experience</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4740</b>	<b>Facilitating the Adventure Experience</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4750</b>	<b>Concepts &amp; Issues in Adventure Programming</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		REC 2150 and 3050 and 3100						
		COURSE DESC:		Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for competently engaging in discourse concerning central issues in the field of adventure programming.									
EHS	RSP	<b>REC</b>	<b>4750</b>	<b>Concepts &amp; Issues in Adventure Programming</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		REC 2150 and 3050 and 3100						
		COURSE DESC:		Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for competently engaging in discourse concerning central issues in the field of adventure programming.									
EHS	RSP	<b>REC</b>	<b>4800</b>	<b>Wilderness Literature</b>	SEM	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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>4800</b>	<b>Wilderness Literature</b>	SEM	SE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		REC 3050 and 3100						
		COURSE DESC:		Students critically analyze selected assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	<b>REC</b>	<b>4850</b>	<b>Concepts &amp; Issues in Adventure Programming</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		REC 3050 and 3100						
		COURSE DESC:		Students critically analyze selected assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.									
EHS	RSP	<b>REC</b>	<b>4900</b>	<b>Special Topics in Recreation</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>REC</b>	<b>4900</b>	<b>Special Topics in Recreation</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	RSP	<b>REC</b>	<b>4901</b>	<b>Special Topics in Recreation</b>	SEM	EL	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Permission required						
		COURSE DESC:		Special courses and workshops responding to specialized needs and interests; content and credit hours will vary.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>4901</b>	<b>Special Topics in Recreation</b>	SEM	SE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Special courses and workshops responding to specialized needs and interests; content and credit hours will vary.									
EHS	RSP	<b>REC</b>	<b>4910</b>	<b>Internship in Recreation</b>	FLD	FE	12	0		I	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	Permission required							
		COURSE DESC:		Provides the recreation major or professional unique practical experiences related to the discipline of recreation and leisure studies.									
EHS	RSP	<b>REC</b>	<b>5210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.									
EHS	RSP	<b>REC</b>	<b>5210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Designed to assist students to develop knowledge about aging and lifetime physical recreational activities. Theories, concepts, and best practices about the aging process, physical recreational activities for the elderly, strategies to keep the older person involved in physical recreational activities, and the benefits will be discussed. Holistic approaches to physical recreational activities, instructional considerations, and activity engagement strategies are presented.									
EHS	RSP	<b>REC</b>	<b>5220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Designed to engage students in critical analyses of various concepts and issues related to culture and diversity in recreation and leisure. Students consider the implications of varying dimensions of diversity for recreation and leisure participation and professional practice.									
EHS	RSP	<b>REC</b>	<b>5220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Designed to engage students in critical analyses of various concepts and issues related to culture and diversity in recreation and leisure. Students consider the implications of varying dimensions of diversity for recreation and leisure participation and professional practice.									
EHS	RSP	<b>REC</b>	<b>5240</b>	<b>Outdoor Leadership</b>	LAB	LB	9	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Intensive 25-to-30-day, field-based course designed to help students develop their knowledge and skills as outdoor leaders. Helps students refine basic wilderness living skills, while developing expertise in specialized modes of wilderness travel. Emphasis is placed on learning the knowledge, skills, and dispositions necessary to conduct safe, enjoyable, and environmentally responsible wilderness-based programs.									
EHS	RSP	<b>REC</b>	<b>5330</b>	<b>Event Planning in Recreation and Leisure Services</b>	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Provides students with an opportunity for integrating classroom learning with the practice of event planning in recreational settings.									
EHS	RSP	<b>REC</b>	<b>5330</b>	<b>Event Planning in Recreation and Leisure Services</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		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>5400</b>	<b>Environmental Interpretation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>5430</b>	<b>Marketing for Recreation &amp; Leisure Services</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of marketing principles and concepts for the recreation and leisure services industry.									
EHS	RSP	<b>REC</b>	<b>5430</b>	<b>Marketing for Recreation &amp; Leisure Services</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students with an understanding of the principles and practices of parks and protected areas management.									
EHS	RSP	<b>REC</b>	<b>5460</b>	<b>Parks &amp; Protected Areas Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach are the focus. Theory, practice, history, terminology, and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility, and establishing policies and principles for sustainability are discussed.									
EHS	RSP	<b>REC</b>	<b>5550</b>	<b>Principles of Ecotourism</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach are the focus. Theory, practice, history, terminology, and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility, and establishing policies and principles for sustainability are discussed.									
EHS	RSP	<b>REC</b>	<b>5560</b>	<b>Ecotourism Destinations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students with opportunities to examine the principles and practices of ecotourism in action through a Study Abroad experience to select ecotourism destinations. Emphasis is placed on the role of sustainable tourism development strategies in minimizing environmental and cultural impacts of tourism, while also promoting the economic development of host communities in these tourism destinations.									
EHS	RSP	<b>REC</b>	<b>5620</b>	<b>Convention &amp; Event Planning</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting. WARNING: not REC 5330 or RHT 5620									
EHS	RSP	<b>REC</b>	<b>5620</b>	<b>Convention &amp; Event Planning</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting. WARNING: not REC 5330 or RHT 5620									
EHS	RSP	<b>REC</b>	<b>5740</b>	<b>Facilitating the Adventure Experience</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	<b>REC</b>	<b>5740</b>	<b>Facilitating the Adventure Experience</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.									
EHS	RSP	<b>REC</b>	<b>5800</b>	<b>Wilderness Literature</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Leopold, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									
EHS	RSP	<b>REC</b>	<b>5800</b>	<b>Wilderness Literature</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Leopold, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	5900	<b>Special Topics in Recreation</b>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	5900	<b>Special Topics in Recreation</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
EHS	RSP	REC	5901	<b>Instructional Experience</b>	CLN	CL	1 to 6	12		I	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Supervised practice in organizing and teaching activities in college and recreational settings.									
EHS	RSP	REC	6010	<b>Trends and Global Issues in Recreation and Leisure</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Selected global issues in recreation and research; research reading, discussion analysis, and written reports.									
EHS	RSP	REC	6010	<b>Trends and Global Issues in Recreation and Leisure</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Selected global issues in recreation and research; research reading, discussion analysis, and written reports.									
EHS	RSP	REC	6011	<b>Finance and Marketing in Recreation and Leisure Services</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examination of financial management and marketing in the public, nonprofit, and commercial sector in recreation and leisure services.									
EHS	RSP	REC	6011	<b>Finance and Marketing in Recreation and Leisure Services</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examination of financial management and marketing in the public, nonprofit, and commercial sector in recreation and leisure services.									
EHS	RSP	REC	6020	<b>Social Foundations of Recreation and Leisure</b>	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Helps students develop an understanding of the social foundations of recreation and leisure. The writings of historical and contemporary thinkers whose work has contributed to theoretical foundations of recreation and leisure will be examined. Also involves critical analyses of the implicit values and assumptions on which the field of recreation and leisure services is based.									
EHS	RSP	REC	6020	<b>Social Foundations of Recreation and Leisure</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Helps students develop an understanding of the social foundations of recreation and leisure. The writings of historical and contemporary thinkers whose work has contributed to theoretical foundations of recreation and leisure will be examined. Also involves critical analyses of the implicit values and assumptions on which the field of recreation and leisure services is based.									
EHS	RSP	REC	6080	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	LAB	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Offers operational understanding of research, evaluation methods, and statistical applications in recreation and sport sciences in order to produce better consumers of research-based information and to give students the opportunity to prepare for advanced graduate study.									
EHS	RSP	REC	6080	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	REC	6170	<b>Leisure and Sport in Society</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	6170	<b>Leisure and Sport in Society</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	6490	<b>Administration of Recreation and Leisure Services</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Administration of public, non-profit and for-profit recreation and leisure services.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	6490	<b>Administration of Recreation and Leisure Services</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Administration of public, non-profit and for-profit recreation and leisure services.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	6700	<b>Advanced Issues in Campus Recreation</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G40		0
EHS	RSP	REC	6700	<b>Advanced Issues in Campus Recreation</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G40		0
EHS	RSP	REC	6750	<b>Advanced Concepts &amp; Issues in Adventure Programming</b> ELIGIBLE GRADES: A-F COURSE DESC: Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.	SEM	EL	3	0		N	G40		0
EHS	RSP	REC	6750	<b>Advanced Concepts &amp; Issues in Adventure Programming</b> ELIGIBLE GRADES: A-F COURSE DESC: Students critically analyze assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.	SEM	SE	3	0		N	G40		0
EHS	RSP	REC	6800	<b>Philosophy of Experiential Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Examines the writings of historical and contemporary thinkers who have contributed to the development of the philosophy of experiential education. In addition to examining the philosophical foundations of experiential education, current literature related to the practice of experiential education will be explored and discussed as well.	SEM	EL	3	0		N	G40		0
EHS	RSP	REC	6800	<b>Philosophy of Experiential Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Examines the writings of historical and contemporary thinkers who have contributed to the development of the philosophy of experiential education. In addition to examining the philosophical foundations of experiential education, current literature related to the practice of experiential education will be explored and discussed as well.	SEM	SE	3	0		N	G40		0
EHS	RSP	REC	6900	<b>Special Topics in Recreation</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
EHS	RSP	REC	6900	<b>Special Topics in Recreation</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
EHS	RSP	REC	6920	<b>Practicum</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Supervised work experience in various recreation settings.	PRA	PR	1 to 6	12		I	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	RSP	<b>REC</b>	<b>6930</b>	<b>Guided Independent Study</b>	IND	IS	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Selected areas of study with written report based on research.									
EHS	RSP	<b>REC</b>	<b>6932</b>	<b>Special Problems</b>	IND	EL	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									
EHS	RSP	<b>REC</b>	<b>6932</b>	<b>Special Problems</b>	IND	IS	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.									
EHS	RSP	<b>REC</b>	<b>6940</b>	<b>Research Dynamics: Planning and Implementation of the Research Process</b>	RSC	RS	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		A hands-on approach to research; developing the idea, establishing the methodology, collecting data, analyzing the data, and writing the results in publication format.									
EHS	RSP	<b>REC</b>	<b>6941</b>	<b>Research Seminar in Recreation and Leisure</b>	RSC	RS	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Based on the assumption that the best way to learn about research is to directly experience the process of scientific inquiry. Consequently students are expected fulfill various research tasks, including identification of research problems, the development of methods to address these problems, collection and analysis of data, and interpretation of the results. Suitable for students interested in writing a thesis or completing a mentored research project.									
EHS	RSP	<b>REC</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Thesis projects.									
EHS	RSP	<b>T3</b>	<b>4710</b>	<b>Sport Aesthetics</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Sr only							
		COURSE DESC:		An analysis of the aesthetic in sport by viewing various works of art when sport serves as the subject of the artist and by observing sport when sport is the medium for creating aesthetic expression.									
EHS	RSP	<b>T3</b>	<b>4710</b>	<b>Sport Aesthetics</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Sr only							
		COURSE DESC:		An analysis of the aesthetic in sport by viewing various works of art when sport serves as the subject of the artist and by observing sport when sport is the medium for creating aesthetic expression.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDCR</b>	<b>1010</b>	<b>Democracy and Education</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Admission to CARE Professional Development School Partnership program							
		COURSE DESC:		Orientation to the C.A.R.E. program and to our partner, Federal Hocking Local School District. Explores the many ways in which democracy influences our society and the public lives of our citizens and also explores the theory and practice surrounding democratic teaching practices in public school classrooms. After learning about service learning and how it can incorporate democratic ideals, students will design and implement a service learning project in one of the Federal Hocking elementary schools.									
EHS	TEDU	<b>EDCR</b>	<b>1010</b>	<b>Democracy and Education</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Admission to CARE Professional Development School Partnership program							
		COURSE DESC:		Orientation to the C.A.R.E. program and to our partner, Federal Hocking Local School District. Explores the many ways in which democracy influences our society and the public lives of our citizens and also explores the theory and practice surrounding democratic teaching practices in public school classrooms. After learning about service learning and how it can incorporate democratic ideals, students will design and implement a service learning project in one of the Federal Hocking elementary schools.									
EHS	TEDU	<b>EDCR</b>	<b>2010</b>	<b>Childhood in America: Elementary School</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	EDCR 1010 and CARE Students only							
		COURSE DESC:		Introduction to children and their characteristics at progressive levels of development. Examines factors that influence children's learning in the schools, such as families, neighborhoods, race, culture, gender, and socioeconomic status. Students examine values and belief systems of themselves and children, as well as identify elements of successful parenting and teaching.									
EHS	TEDU	<b>EDCR</b>	<b>2010</b>	<b>Childhood in America: Elementary School</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	EDCR 1010 and CARE Students only							
		COURSE DESC:		Introduction to children and their characteristics at progressive levels of development. Examines factors that influence children's learning in the schools, such as families, neighborhoods, race, culture, gender, and socioeconomic status. Students examine values and belief systems of themselves and children, as well as identify elements of successful parenting and teaching.									
EHS	TEDU	<b>EDCR</b>	<b>2015</b>	<b>Childhood in America: High School</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	EDCR 1010 and 2010 and CARE Students only							
		COURSE DESC:		Second of two introductions to children and their characteristics at progressive levels of development. Introduces most widely accepted and useful theories of adolescent growth and development for children ages 11-18 years. Introduces factors that influence children's learning, such as school structure, family structures, race, culture, gender, and socioeconomic status. Students examine the value and belief systems of themselves and children, as well as identify elements of successful teaching. Enhances awareness of community, equity and the common good as attributes of democratic education.									
EHS	TEDU	<b>EDCR</b>	<b>2100</b>	<b>Introduction to Teaching in a Democratic Classroom</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	EDCR 1010 and 2010 and 2015 and CARE Students only							
		COURSE DESC:		Defines and begins to develop the teaching skills necessary for creating and teaching in a democratic classroom. Examines a variety of teaching methods that provide a positive educational climate in which every adolescent is encouraged to meet personal academic challenges. Students encouraged to begin to develop a personal teaching platform and an emerging identity as teacher.									
EHS	TEDU	<b>EDCR</b>	<b>2900</b>	<b>Special Topics in Education - CARE Partnership</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDCR</b>	<b>2900</b>	<b>Special Topics in Education - CARE Partnership</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Specific course content will vary with offering.							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDCR</b>	<b>3100</b>	<b>Advanced Methods for the Democratic Classroom</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDCR</b>	<b>4010</b>	<b>Exhibition in Democratic Education</b> ELIGIBLE GRADES: 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.	LAB	LB	2	0		N	U30		0
EHS	TEDU	<b>EDCR</b>	<b>4900</b>	<b>Special Topics in Education - CARE Partnership</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	TEDU	<b>EDCR</b>	<b>4900</b>	<b>Special Topics in Education - CARE Partnership</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>1001</b>	<b>Introduction to Early Childhood Education</b> ELIGIBLE GRADES: A-F REQUISITE: EDEC 1600 or concurrent COURSE DESC: Overview of the profession of early childhood education and the role of the teacher.	LEC	EL	2	0		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>1001</b>	<b>Introduction to Early Childhood Education</b> ELIGIBLE GRADES: A-F REQUISITE: EDEC 1600 or concurrent COURSE DESC: Overview of the profession of early childhood education and the role of the teacher.	LEC	LE	2	0		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>1600</b>	<b>Introduction to Child Development</b> ELIGIBLE GRADES: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): PSY 2410 COURSE DESC: Fundamental patterns of children's physical, cognitive and social emotional development and behavior beginning prenatally and continuing through adolescence. Examines how these issues and themes of child development have effected and been effected by societal changes in a progressively more connected, diverse and globalized world.	LEC	LE	3	0	2SS	N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>2001</b>	<b>Sophomore Clinical Experience</b> ELIGIBLE GRADES: CR, F REQUISITE: Early childhood education major or child development major COURSE DESC: Clinical experience in an early childhood setting that provides an opportunity to interact with children.	LAB	LB	1	6		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>2100</b>	<b>Children's Literature and Storytelling in the Early Childhood Classroom</b> ELIGIBLE GRADES: 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.	LEC	EL	2	0		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>2100</b>	<b>Children's Literature and Storytelling in the Early Childhood Classroom</b> ELIGIBLE GRADES: 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.	LEC	LE	2	0		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>2300</b>	<b>Emergent Mathematics and Science Birth through Five Years</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	U30		0
EHS	TEDU	<b>EDEC</b>	<b>2301</b>	<b>Emergent Mathematics and Science Birth through Five Years</b> ELIGIBLE GRADES: A-F REQUISITE: Early childhood education major or child development major 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.	LEC	EL	2	0		N	U30		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEC</b>	<b>2301</b>	<b>Emergent Mathematics and Science Birth through Five Years</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Early childhood education major or child development major							
		COURSE DESC:		Examples of early childhood programs, primary elements and issues that differentiate them. Selection, preparation, presentation, and evaluation of premath and science activities and materials.									
EHS	TEDU	<b>EDEC</b>	<b>2400</b>	<b>Infant-Toddler Education: Development, Curriculum and Program</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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	<b>EDEC</b>	<b>2500</b>	<b>Emergent Literacy and Reading</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>EDEC</b>	<b>2500</b>	<b>Emergent Literacy and Reading</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>EDEC</b>	<b>2600</b>	<b>Global Early Childhood Education: Programs and Practices</b>	LEC	LE	2	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	EDEC 1600							
		COURSE DESC:		Global Early Childhood Education: Programs and Practices provides an in depth study of global early childhood care and education programs. National and international early care and education programs that focus on the needs of the whole child in a global community are investigated, and include learning in multilingual settings by Dual Language Learners or English Language Learners. Topics discussed in the course include: global perspectives in early childhood education; impact of cultural and linguistic diversity on teaching and learning in globalized multicultural and multilingual early childhood settings; research on literacy and language development, acquisition, and teaching and learning processes; issues and factors of globalization on early childhood care and education; environments that support child and family well being in a global society; and the concept of international child rights.									
EHS	TEDU	<b>EDEC</b>	<b>2900</b>	<b>Special Topics in Education - Early Childhood</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEC</b>	<b>2900</b>	<b>Special Topics in Education - Early Childhood</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEC</b>	<b>2929</b>	<b>Prekindergarten Associate Practicum Seminar</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>EDEC</b>	<b>2929</b>	<b>Prekindergarten Associate Practicum Seminar</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		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	<b>EDEC</b>	<b>3002</b>	<b>Junior Clinical Experiences I</b>	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Admission to Advanced Standing							
		COURSE DESC:		Observation and presentation of creative experiences in approved early childhood settings.									
EHS	TEDU	<b>EDEC</b>	<b>3003</b>	<b>Junior Clinical Experiences II</b>	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Admission to Advanced Standing							
		COURSE DESC:		Observation and participation in the guidance and classroom management in approved early childhood settings.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEC</b>	<b>3110</b>	<b>Methods of Teaching Reading Grades 1-3</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced Standing and (EDEC 3002 or EDEC 3003) concurrent 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	<b>EDEC</b>	<b>3110</b>	<b>Methods of Teaching Reading Grades 1-3</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced Standing and (EDEC 3002 or EDEC 3003) concurrent 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	<b>EDEC</b>	<b>3120</b>	<b>Observing Young Children for Reading Strategies and Skills</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced Standing and EDEC 3110 and (EDEC 3002 or 3003 or concurrent ) and Jr Learn to observe children, keep running records, and conduct an informal reading inventory. Appropriate instruction is based on these assessment procedures. Learn to record results for reporting to parents and other appropriate adults. Candidates work with a single student, but emphasis placed on how this information can be used in the classroom. Content expands on information presented in EDTE 2200, EDEC 2500, and EDEC 3110.									
EHS	TEDU	<b>EDEC</b>	<b>3120</b>	<b>Observing Young Children for Reading Strategies and Skills</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced Standing and EDEC 3110 and (EDEC 3002 or 3003 or concurrent ) and Jr Learn to observe children, keep running records, and conduct an informal reading inventory. Appropriate instruction is based on these assessment procedures. Learn to record results for reporting to parents and other appropriate adults. Candidates work with a single student, but emphasis placed on how this information can be used in the classroom. Content expands on information presented in EDTE 2200, EDEC 2500, and EDEC 3110.									
EHS	TEDU	<b>EDEC</b>	<b>3300</b>	<b>Teaching Mathematics in Early Childhood P-3</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced standing and EDEC 2301 and (EDEC 3002 or EDEC 3003 concurrent) and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced Standing and EDEC 3002 or EDEC 3003 concurrent Emphasis on constructivist science teaching through hands-on inquiring processes. National standards examined and applied. Science equipment, instructional resources and technology, and safety procedures emphasized.									
EHS	TEDU	<b>EDEC</b>	<b>3500</b>	<b>Teaching Early Childhood Social Studies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to Advanced Standing and 2.75 GPA and (EDEC 3002 or 3003 concurrent) Focuses on both the content of social studies for early childhood education, consistent with state and national social studies standards, and the instructional processes to be used to engage children by connecting social studies with concepts such as families, community, and how we live. Through use of story, structured discussion, inquiry and democratic processes, presents the prospective early childhood teacher with both the approach to content and the choices of instructional approaches to teach social studies in classrooms for young children.									
EHS	TEDU	<b>EDEC</b>	<b>3500</b>	<b>Teaching Early Childhood Social Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to Advanced Standing and 2.75 GPA and (EDEC 3002 or 3003 concurrent) Focuses on both the content of social studies for early childhood education, consistent with state and national social studies standards, and the instructional processes to be used to engage children by connecting social studies with concepts such as families, community, and how we live. Through use of story, structured discussion, inquiry and democratic processes, presents the prospective early childhood teacher with both the approach to content and the choices of instructional approaches to teach social studies in classrooms for young children.									
EHS	TEDU	<b>EDEC</b>	<b>3610</b>	<b>Guidance and Classroom Management in Early Childhood</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDEC 2001 concurrent and C or better in (EDEC 1600 or PSY 2410) Application of theories and principles or early childhood guidance and discipline.									
EHS	TEDU	<b>EDEC</b>	<b>3610</b>	<b>Guidance and Classroom Management in Early Childhood</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDEC 2001 concurrent and C or better in (EDEC 1600 or PSY 2410) Application of theories and principles or early childhood guidance and discipline.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEC</b>	<b>3611</b>	<b>Guidance and Management in the Primary Classroom</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3611</b>	<b>Guidance and Management in the Primary Classroom</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3701</b>	<b>Diversity in Early Childhood Education</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(EDEC 170 or 1001 or HCCF 170) or concurrent and C or better in EDEC 1600						
		COURSE DESC:		Examines theories of play and creative expression in early childhood education. Candidates have the opportunity to develop an awareness of and an appreciation for their own creative abilities, creative teaching, and play and creative expression in children's learning and curriculum experiences. Candidates plan, implement, and evaluate learning experiences for play and the creative arts, for children age 3 to grade 3, with emphasis on integrating play, art, construction, music, movement, dance, and drama with content standards throughout the curriculum.									
EHS	TEDU	<b>EDEC</b>	<b>3929</b>	<b>Practicum in Early Childhood Education</b>	PRA	PR	6	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	EDEC 3003 and 3400 and 3500						
		COURSE DESC:		Supervised lesson planning and teaching in early childhood classrooms serving children age 3 to grade 3.									
EHS	TEDU	<b>EDEC</b>	<b>4004</b>	<b>Senior Practicum in Curriculum Development</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	EDEC 3003 and 3400 and 3500						
		COURSE DESC:		Supervised lesson planning and teaching in early childhood classrooms serving children age 3 to grade 3.									
EHS	TEDU	<b>EDEC</b>	<b>4100</b>	<b>Family, School and Community</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EDEC 1600 and Jr or Sr						
		COURSE DESC:		Provides the knowledge necessary to understand how children are affected by the ecology of the family, school, and community. Stresses the importance of the parent-teacher relationship in the school.									
EHS	TEDU	<b>EDEC</b>	<b>4200</b>	<b>Philosophy and Theories of Child Development and Education</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EDEC 1600 and Jr or Sr						
		COURSE DESC:		This course provides students opportunities to learn how to write effectively in any context or medium while investigating current models, issues and trends in early childhood education. In learning to write under formal instruction one needs to have a framework for thinking, reflecting and talking about writing. Students will use technology to support writing across a broad range of topics as they synthesize philosophies and theories of child development. 25% of this course will be focused on developing writing in a writing intensive format.									

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EHS	TEDU	<b>EDEC</b>	<b>4200</b>	<b>Philosophy and Theories of Child Development and Education</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EDEC 1600 and Jr or Sr						
		COURSE DESC:		This course provides students opportunities to learn how to write effectively in any context or medium while investigating current models, issues and trends in early childhood education. In learning to write under formal instruction one needs to have a framework for thinking, reflecting and talking about writing. Students will use technology to support writing across a broad range of topics as they synthesize philosophies and theories of child development. 25% of this course will be focused on developing writing in a writing intensive format.									
EHS	TEDU	<b>EDEC</b>	<b>4300</b>	<b>Authentic Assessment in Early Childhood Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to Advanced Standing and EDEC 2301						
		COURSE DESC:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEC</b>	<b>4900</b>	<b>Special Topics in Education - Early Childhood</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEC</b>	<b>6640</b>	<b>Advanced Child Development</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEC</b>	<b>6900</b>	<b>Special Topics in Education - Early Childhood</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEL</b>	<b>2000</b>	<b>Studies of Children and Adolescents</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Human Development & Curriculum Studies						
		COURSE DESC:		Study of major theories of learning and human development as applied for school-age children in classroom learning environments. Primary focus on foundational knowledge of theory and research on motivation, cognition, instructional strategies, social processes, classroom management, and assessment of student learning.									
EHS	TEDU	<b>EDEL</b>	<b>2000</b>	<b>Studies of Children and Adolescents</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Human Development & Curriculum Studies						
		COURSE DESC:		Study of major theories of learning and human development as applied for school-age children in classroom learning environments. Primary focus on foundational knowledge of theory and research on motivation, cognition, instructional strategies, social processes, classroom management, and assessment of student learning.									
EHS	TEDU	<b>EDEL</b>	<b>2900</b>	<b>Special Topics in Education - Elementary</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEL</b>	<b>2900</b>	<b>Special Topics in Education - Elementary</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEL</b>	<b>3500</b>	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									
EHS	TEDU	<b>EDEL</b>	<b>3500</b>	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									
EHS	TEDU	<b>EDEL</b>	<b>3500</b>	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									
EHS	TEDU	<b>EDEL</b>	<b>3500</b>	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Advanced standing in professional education						
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.									
EHS	TEDU	<b>EDEL</b>	<b>4000</b>	<b>Advanced Studies of Children and Adolescents</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines knowledge bases for development through adolescence, including principles of development and predictable sequences of development in physical, psycho-motor, cognitive, social, emotional and moral reasoning domains. Inquiry approaches suitable for systematic observation of child behavior, child study and/or learning in mathematics, science or social studies content areas also developed.									
EHS	TEDU	<b>EDEL</b>	<b>4000</b>	<b>Advanced Studies of Children and Adolescents</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines knowledge bases for development through adolescence, including principles of development and predictable sequences of development in physical, psycho-motor, cognitive, social, emotional and moral reasoning domains. Inquiry approaches suitable for systematic observation of child behavior, child study and/or learning in mathematics, science or social studies content areas also developed.									
EHS	TEDU	<b>EDEL</b>	<b>4070</b>	<b>Assessment in the Elementary School</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	16 HRS in EDUC						
		COURSE DESC:		Study of formative and summative assessment processes and tools available for use in elementary and middle level classrooms. Focus on use of data and evidence to inform lesson planning and instruction.									
EHS	TEDU	<b>EDEL</b>	<b>4070</b>	<b>Assessment in the Elementary School</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	16 HRS in EDUC						
		COURSE DESC:		Study of formative and summative assessment processes and tools available for use in elementary and middle level classrooms. Focus on use of data and evidence to inform lesson planning and instruction.									
EHS	TEDU	<b>EDEL</b>	<b>4370</b>	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares candidates with primary licensure to teach mathematics on a 4th and 5th grade level. Preparation to teach all mathematics content from the Ohio Academic Content Standards for Mathematics grades 4 and 5 while demonstrating knowledge of teaching and learning in developmentally appropriate ways that help students attain conceptual knowledge in preparation for obtaining the endorsement.									
EHS	TEDU	<b>EDEL</b>	<b>4370</b>	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares candidates with primary licensure to teach mathematics on a 4th and 5th grade level. Preparation to teach all mathematics content from the Ohio Academic Content Standards for Mathematics grades 4 and 5 while demonstrating knowledge of teaching and learning in developmentally appropriate ways that help students attain conceptual knowledge in preparation for obtaining the endorsement.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEL</b>	<b>4480</b>	<b>Teaching Science to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the early childhood generalist endorsement Designed to prepare 4th- and 5th-grade endorsement candidates with a broad-based understanding of central issues involved in the learning and teaching of 4th and 5th grade science. Involves an exploration of the nature of knowledge in science and what it means to think like a scientist as early childhood teachers ask questions and explore the nature world.									
EHS	TEDU	<b>EDEL</b>	<b>4480</b>	<b>Teaching Science to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the early childhood generalist endorsement Designed to prepare 4th- and 5th-grade endorsement candidates with a broad-based understanding of central issues involved in the learning and teaching of 4th and 5th grade science. Involves an exploration of the nature of knowledge in science and what it means to think like a scientist as early childhood teachers ask questions and explore the nature world.									
EHS	TEDU	<b>EDEL</b>	<b>4560</b>	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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	<b>EDEL</b>	<b>4560</b>	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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	<b>EDEL</b>	<b>4900</b>	<b>Special Topics in Education - Elementary</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDEL</b>	<b>4900</b>	<b>Special Topics in Education - Elementary</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDEL</b>	<b>5150</b>	<b>Teaching Reading and Language Arts to Fourth and Fifth Graders</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Prepares students to teach reading and all areas of language arts included in the Ohio Academic Content Standards for Grades 4 and 5, based on a sound understanding of child development and literacy learning processes. This course also fulfills partial requirements for candidacy for the Early Childhood Generalist Endorsement through the Ohio Department of Education.									
EHS	TEDU	<b>EDEL</b>	<b>5150</b>	<b>Teaching Reading and Language Arts to Fourth and Fifth Graders</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Prepares students to teach reading and all areas of language arts included in the Ohio Academic Content Standards for Grades 4 and 5, based on a sound understanding of child development and literacy learning processes. This course also fulfills partial requirements for candidacy for the Early Childhood Generalist Endorsement through the Ohio Department of Education.									
EHS	TEDU	<b>EDEL</b>	<b>5370</b>	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Prepares students to teach mathematics in 4th and 5th grade classrooms, based on sound understandings of child development, knowledge of the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching license.									
EHS	TEDU	<b>EDEL</b>	<b>5370</b>	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Prepares students to teach mathematics in 4th and 5th grade classrooms, based on sound understandings of child development, knowledge of the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching license.									
EHS	TEDU	<b>EDEL</b>	<b>5480</b>	<b>Teaching Science to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Prepares students to teach all areas of Science in fourth and fifth grade classrooms, based on a sound understanding of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education portion of requirements for the Early Childhood Generalist Endorsement.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDEL</b>	<b>5480</b>	<b>Teaching Science to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Prepares students to teach all areas of Science in fourth and fifth grade classrooms, based on a sound understanding of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Mathematics Education portion of requirements for the Early Childhood Generalist Endorsement.									
EHS	TEDU	<b>EDEL</b>	<b>5560</b>	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	LEC	EL	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Prepares students to teach social studies in 4th and 5th grade classrooms, based on sound understandings of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Social Studies Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching License.									
EHS	TEDU	<b>EDEL</b>	<b>5560</b>	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	LEC	LE	2	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Prepares students to teach social studies in 4th and 5th grade classrooms, based on sound understandings of child development, knowing the content to be taught, and how to effectively teach the content to students. This course fulfills the Social Studies Education component of requirements of the Ohio Department of Education for adding a Generalist Endorsement to your Early Childhood Teaching License.									
EHS	TEDU	<b>EDEL</b>	<b>5790</b>	<b>Integrated Methods and Field Experience</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	<b>EDEL</b>	<b>5790</b>	<b>Integrated Methods and Field Experience</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	<b>EDEL</b>	<b>5790</b>	<b>Integrated Methods and Field Experience</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Aligned with Ohio Standards for the Teaching Profession; capstone course for the Early Childhood Generalist Endorsement. Draws from the prior four courses that focus on Ohio Academic Content Standards and pedagogy including child/adolescent development for 4th and 5th graders and requires candidates to compile a capstone portfolio and engage in 40 hours of field experience in a 4th- and/or 5th-grade classroom.									
EHS	TEDU	<b>EDEL</b>	<b>5900</b>	<b>Special Topics in Education - Elementary</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDEL</b>	<b>5900</b>	<b>Special Topics in Education - Elementary</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
EHS	TEDU	<b>EDHP</b>	<b>2000</b>	<b>Studies of Children</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Teacher Candidacy Focuses on human development stages in children as encountered in educational settings.									
EHS	TEDU	<b>EDHP</b>	<b>2000</b>	<b>Studies of Children</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Teacher Candidacy Focuses on human development stages in children as encountered in educational settings.									
EHS	TEDU	<b>EDHP</b>	<b>2010</b>	<b>Introduction to Applied Research</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to COE honors program Teaches how to employ a qualitative case study design. Explores what a qualitative case study is, the different kinds of case studies, and how to design, collect data and analyze a case study. Built upon a foundation of understanding qualitative research and applying that knowledge and developing, implementing and completing a qualitative case study.									
EHS	TEDU	<b>EDHP</b>	<b>2010</b>	<b>Introduction to Applied Research</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to COE honors program Teaches how to employ a qualitative case study design. Explores what a qualitative case study is, the different kinds of case studies, and how to design, collect data and analyze a case study. Built upon a foundation of understanding qualitative research and applying that knowledge and developing, implementing and completing a qualitative case study.									
EHS	TEDU	<b>EDHP</b>	<b>2700</b>	<b>Learning Processes in the Classroom</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Focuses on the major aspects of learning theories, their implications, and applications to classroom situations as well as aspects of measurement and evaluation.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDHP</b>	<b>2700</b>	<b>Learning Processes in the Classroom</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Focuses on the major aspects of learning theories, their implications, and applications to classroom situations as well as aspects of measurement and evaluation.									
EHS	TEDU	<b>EDHP</b>	<b>2820</b>	<b>Ideas and Inquiry in Education</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program This course in the College of Education Honors Program is designed to induct students into the culture and outlook of education research. Key content deals with skepticism and doubt, the relationship of ideas to empirically grounded constructs, the relevance of theory and critique, and some issues in the practice of systematic empirical inquiry. The course includes readings, discussions, films, relevant writing exercises and an early opportunity to engage in actual research.									
EHS	TEDU	<b>EDHP</b>	<b>2820</b>	<b>Ideas and Inquiry in Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program This course in the College of Education Honors Program is designed to induct students into the culture and outlook of education research. Key content deals with skepticism and doubt, the relationship of ideas to empirically grounded constructs, the relevance of theory and critique, and some issues in the practice of systematic empirical inquiry. The course includes readings, discussions, films, relevant writing exercises and an early opportunity to engage in actual research.									
EHS	TEDU	<b>EDHP</b>	<b>3530</b>	<b>Issues in Rural Education</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Introduction to rural education and on the social, economic, and political influences on rural schools. Two current issues, consolidation and youth out migration, will be considered in depth. Key concepts include place, community, lifeworld, family, and cosmopolitanism.									
EHS	TEDU	<b>EDHP</b>	<b>3530</b>	<b>Issues in Rural Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Introduction to rural education and on the social, economic, and political influences on rural schools. Two current issues, consolidation and youth out migration, will be considered in depth. Key concepts include place, community, lifeworld, family, and cosmopolitanism.									
EHS	TEDU	<b>EDHP</b>	<b>3930J</b>	<b>Undergraduate Research Project</b>	IND	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Involves the study and application of action research as applied to issues and problems encountered in the schooling arena, including both schools and other community-based institutions that serve educative purposes and/or otherwise contribute to the schooling endeavor. Candidates will be responsible for assessing and improving their classroom instruction as professionals by gaining greater insight into the nature of action research and how it can inform practice.									
EHS	TEDU	<b>EDHP</b>	<b>3930J</b>	<b>Undergraduate Research Project</b>	IND	IS	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Involves the study and application of action research as applied to issues and problems encountered in the schooling arena, including both schools and other community-based institutions that serve educative purposes and/or otherwise contribute to the schooling endeavor. Candidates will be responsible for assessing and improving their classroom instruction as professionals by gaining greater insight into the nature of action research and how it can inform practice.									
EHS	TEDU	<b>EDHP</b>	<b>4010</b>	<b>Multicultural Field Experience</b>	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Provides opportunities to work with students in a multicultural setting.									
EHS	TEDU	<b>EDHP</b>	<b>4610</b>	<b>Introduction to Differentiation in Education</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Broad objective of course is for each participant to develop knowledge of major concepts for differentiation in education and to demonstrate this knowledge through creation of lesson plans.									
EHS	TEDU	<b>EDHP</b>	<b>4610</b>	<b>Introduction to Differentiation in Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Admission to COE honors program Broad objective of course is for each participant to develop knowledge of major concepts for differentiation in education and to demonstrate this knowledge through creation of lesson plans.									
EHS	TEDU	<b>EDMC</b>	<b>3000</b>	<b>Introduction to Middle Childhood Education</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		EDTE 2000 and 2010 and 2020 and Admission to Advanced Standing and 2.75 GPA 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		EDTE 2000 and 2010 and 2020 and Admission to Advanced Standing and 2.75 GPA 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		EDMC 3000 and (EDTE 3720 concurrent) 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDMC</b>	<b>3100</b>	<b>Teaching Middle Childhood Language Arts</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3100L concurrent) and Admission to Advanced Standing and 2.75 GPA Provides basic information in language development, oral and written language, and language mechanics. Provides strategies for teaching the language modes through an integrated approach. Stresses assessment in authentic settings.									
EHS	TEDU	<b>EDMC</b>	<b>3100L</b>	<b>Teaching Middle Childhood Language Arts - Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3100 concurrent) and Admission to Advanced Standing and 2.75 GPA 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Advanced standing in professional education and 2.75 GPA Designed for candidates in teacher education seeking licensure in middle childhood (4th-9th grades). Treats the body of literature by genre. Various techniques for utilizing children's literature in middle childhood school settings included.									
EHS	TEDU	<b>EDMC</b>	<b>3300</b>	<b>Teaching Middle Childhood Mathematics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3300L concurrent) and Admission to Advanced Standing and 2.75 GPA Candidates engage with the principles and beliefs of reform-based efforts in mathematics to increase the content knowledge and mathematical thinking of students at the middle grades level. Candidates will create lesson plans and teaching units of mathematically-rich problems that encourage the development of multiple solution paths, the use of manipulatives, the adaptation of instruction to engage multiple learning styles, the use of technology, the development of teaching skills and dispositions based upon student collaboration and interaction, and the explication and probing of students' mathematical thinking through shared classroom discourse.									
EHS	TEDU	<b>EDMC</b>	<b>3300L</b>	<b>Teaching Middle Childhood Mathematics - Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3300 concurrent) and Admission to Advanced Standing and 2.75 GPA Field experience in the 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3400L concurrent) and Admission to Advanced Standing and 2.75 GPA Emphasis on concepts and inquiry processes for middle childhood students. Topics include scientific literacy; applied constructivist learning theory; multicultural, gender, and exceptional learner equity practices; authentic assessment of the middle-level learner; safety and classroom management; uses of curriculum supplements and multimedia resources; effective questioning skills; and selection of appropriate uses of texts and demonstration.									
EHS	TEDU	<b>EDMC</b>	<b>3400L</b>	<b>Teaching Middle Childhood Science - Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3400 concurrent) and Admission to Advanced Standing and 2.75 GPA Field experience in 4th-9th grade classroom to apply theory and methods learned in EDMC 3400.									
EHS	TEDU	<b>EDMC</b>	<b>3500</b>	<b>Teaching Middle Childhood Social Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3500L concurrent) and Admission to Advanced Standing and 2.75 GPA 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>EDMC</b>	<b>3500L</b>	<b>Teaching Middle Childhood Social Studies - Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 and (EDMC 3500 concurrent) and Admission to Advanced Standing and 2.75 GPA 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDMC</b>	<b>4900</b>	<b>Special Topics in Education - Middle Childhood</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDPL</b>	<b>1000</b>	<b>Freshman Early Field Experience</b>	LAB	LB	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Admission to COE honors program Field experience for freshmen.									
EHS	TEDU	<b>EDPL</b>	<b>2900</b>	<b>Special Topics in Education - Professional Laboratory</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									



**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDPL</b>	<b>2900</b>	<b>Special Topics in Education - Professional Laboratory</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDPL</b>	<b>3600</b>	<b>Field Experience</b>	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Advanced standing in professional education Observation and participation in elementary, middle and high schools.									
EHS	TEDU	<b>EDPL</b>	<b>3610</b>	<b>Field Service in Education</b>	LAB	LB	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Advanced standing in professional education Participation in community agencies, summer camps, recreation programs, Head Start, and various school-related programs.									
EHS	TEDU	<b>EDPL</b>	<b>3920</b>	<b>Partnership Practicum</b>	PRA	PR	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Advanced standing in professional education 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>	LAB	LB	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (EDPL 4570 and 4650 concurrent) and admission to professional internship in teaching 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>4570</b>	<b>Professional Internship in Music Education</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (EDPL 4560 and 4650 concurrent) and admission to professional internship in teaching 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</b>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: (EDPL 4590 and 4650 concurrent) and admission to professional internship in teaching Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - grade 3. Required of all early childhood education majors for full-time professional internship experience.									
EHS	TEDU	<b>EDPL</b>	<b>4590</b>	<b>Professional Internship in Early Childhood</b>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (EDPL 4580 and 4650 concurrent) and admission to professional internship in teaching Continuation of EDPL 4580. Assigned responsibility for teaching under the supervision of a cooperating teacher, PreK - grade 3. Required of all early childhood education majors for full-time professional internship experience.									
EHS	TEDU	<b>EDPL</b>	<b>4600</b>	<b>Observation and Participation in Elementary, Middle and High Schools</b>	LAB	LB	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: ((EDPL 4620 and 4650 concurrent) or (EDPL 4630 and 4650)) and admission to professional internship in teaching 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>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: (EDPL 4610 and 4650 concurrent) and admission to professional internship in teaching 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>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: ((EDPL 4610 and 4650 concurrent) or (EDPL 4640 and 4650 concurrent)) and admission to professional internship in teaching 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDPL	4640	<b>Professional Internship in Adolescence to Young Adult</b>	LAB	LB	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: (EDPL 4630 and 4650 concurrent) and admission to professional internship in teaching Continuation of EDPL 4630. Assigned responsibility for teaching under the supervision of a cooperating teacher, grade 7-12. Required of all adolescence to young adult education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	4650	<b>Professional Internship Seminar</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Capstone seminar in which teacher candidates demonstrate data-based instructional practices and reflection as they are concurrently completing their professional internship under the direction of a cooperating teacher and university supervisor. Through planning and independent teaching an extensive unit of instruction, candidates document synthesis through the completion of the edTPA. Allows candidates to demonstrate culminating knowledge, skills and dispositions acquired through course work in professional education as well as required content course work across the university.									
EHS	TEDU	EDPL	4660	<b>Professional Internship for Advanced Candidates</b>	LAB	LB	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Supervised observation, participation, and limited teaching; open to candidates with a minimum of 3 years of prior teaching experience.									
EHS	TEDU	EDPL	4670	<b>Early Childhood Pre-Primary Internship Seminar</b>	SEM	SE	2	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDPL 4910 concurrent Seminar for the pre-primary internship student teaching experience									
EHS	TEDU	EDPL	4900	<b>Special Topics in Education - Professional Laboratory</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	EDPL	4900	<b>Special Topics in Education - Professional Laboratory</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	EDPL	4910	<b>Professional Internship in Early Childhood</b>	FLD	FE	6	12		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDPL 4670 concurrent and Admission to Student Teaching Assigned responsibility for teaching under supervision of master teacher in classroom in infant toddler and/or preschool for one semester, half-day. Concurrent registration for EDPL 4670									
EHS	TEDU	EDPL	5600	<b>Internship in Education</b>	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 6 hours in graduate education courses Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full time.									
EHS	TEDU	EDPL	5610	<b>Internship in Education</b>	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 6 hours in graduate education courses Continuation of EDPL 5600. Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one quarter, full time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as a classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor.									
EHS	TEDU	EDPL	5620	<b>Professional Internship</b>	LAB	LB	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDPL 5630 and 5650) or concurrent Assigned responsibility for teaching under the supervision of a cooperating teacher. Required of all graduate education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	5630	<b>Professional Internship</b>	LAB	LB	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: (EDPL 5620 and 5650) or concurrent Continuation of EDPL 5620. Assigned responsibility for teaching under the supervision of a cooperating teacher. Required of all graduate education majors for full-time professional internship experience.									
EHS	TEDU	EDPL	5650	<b>Professional Internship Seminar</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: (EDPL 5620 and 5630) or concurrent Seminar to accompany graduate level student teaching. Part of the masters in secondary education program with teacher certification. Seminar processes student teaching experience.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDPL</b>	<b>5700</b>	<b>Supervision of Professional Interns</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>5900</b>	<b>Special Topics in Education - Professional Laboratory</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>5900</b>	<b>Special Topics in Education - Professional Laboratory</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>6900</b>	<b>Special Topics in Education - Professional Laboratory</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>6910</b>	<b>Seminar in Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Explores research in teaching. Can be used as preparatory seminar to EDPL 6920.	FLD	FE	2	0		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>6920</b>	<b>Internship: Theory Into Practice</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Theory into practice internship based upon research findings in EDTE 6910.	PRA	PR	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>6936</b>	<b>Field Experience in Teaching Physical Education K-12</b> ELIGIBLE GRADES: CR, PR, F REQUISITE: EDTE 6936 concurrent COURSE DESC: Prepares prospective physical education K-12 teachers. School observations, creating teaching units and teaching lessons. Experiential based on successful completion of teaching units and teaching lessons.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>7600</b>	<b>Internship in Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 6 hours in graduate education courses COURSE DESC: Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full-time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor. Weekly seminar conducted by college staff and public school associates.	LAB	LB	1 to 3	6		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>7610</b>	<b>Internship in Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 6 hours in graduate education courses COURSE DESC: Continuation of EDPL 7600. Teaching certificate and experience for interns in administration and supervision. Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full-time. Following brief period of orientation to school and community, assumption of increasing responsibility under direct supervision of staff member of school system. Functioning as classroom teacher with regular supervision, as team member in team-teaching situation, or as assistant to administrator or supervisor.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDPL</b>	<b>7900</b>	<b>Internship: Theory Into Practice</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	<b>EDSE</b>	<b>2500</b>	<b>Analysis of Teaching Characteristics and Teaching Tasks</b> ELIGIBLE GRADES: A-F REQUISITE: PSY 1010 and Teacher Candidacy and (EDHP 2700 or PSY 2420 concurrent recommended) COURSE DESC: Immediate focus on teaching tasks and models, training in systematic observation and analysis, peer teaching, and tools for self analysis.	LEC	EL	3	0		N	U30		0
EHS	TEDU	<b>EDSE</b>	<b>2500</b>	<b>Analysis of Teaching Characteristics and Teaching Tasks</b> ELIGIBLE GRADES: A-F REQUISITE: PSY 1010 and Teacher Candidacy and (EDHP 2700 or PSY 2420 concurrent recommended) COURSE DESC: Immediate focus on teaching tasks and models, training in systematic observation and analysis, peer teaching, and tools for self analysis.	LEC	LE	3	0		N	U30		0

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EHS	TEDU	<b>EDSE</b>	<b>2500L</b>	<b>Analysis of Teaching Characteristics and Teaching Tasks Field Experience</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 1010 and (EDSE 2500 concurrent) and Teacher Candidacy Immediate focus on performance of undergraduate student in act of teaching in secondary school setting. Major emphasis on developing systematic skills in observation and analysis of teaching. Each student will work with a cooperating teacher during the semester. Students teach several micro-teaching lessons in schools. Sessions videotaped so students may analyze their teaching performance while viewing videotapes in clinical setting. Recommend that EDHP 2700 or PSY 2420 be taken concurrently with or following this course.									
EHS	TEDU	<b>EDSE</b>	<b>2900</b>	<b>Special Topics in Education - Secondary</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSE</b>	<b>2900</b>	<b>Special Topics in Education - Secondary</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSE</b>	<b>2970T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial open to HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>2980T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>2981T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	EL	1 to 11	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial open to HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>2981T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 11	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial open to HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>3500</b>	<b>Secondary School Planning and Instruction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 3730 concurrent and Admission to Advanced Standing and 2.75 GPA Further develops preservice educators' personal and philosophical beliefs on education, understanding of the changing world of teaching, and skills to design, implement, evaluate, and reflect upon the processes of secondary school teaching and learning. Introduces strategies to foster higher order thinking abilities among children and to make good use of community resources. Aimed to address Ohio Standards for the Teaching Profession and Praxis II, focuses on systematic planning, and various instructional methods: direct instruction, cooperative learning, differentiation of content instruction and effective classroom interaction through early field experience.									
EHS	TEDU	<b>EDSE</b>	<b>3510</b>	<b>Secondary School Managing and Monitoring of Learning</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3500 and EDTE 3730 Built upon the content of EDSE 3500 and EDTE 3710, continues to foster knowledge, dispositions and skills required by Praxis II and Ohio Standards for the Teaching Profession. Provides preservice educators with opportunities to understand the role that assessment plays in curriculum, to develop various assessment tools, to analyze assessment data to inform instruction and ensure learning; and it also informs preservice teachers of various models and strategies of classroom management that lead to positive learning environment. Examining legal issues and rights for teachers and students deepens preservice educators' understanding of the teaching profession.									
EHS	TEDU	<b>EDSE</b>	<b>3511</b>	<b>Instruction Process and Curriculum</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Critical appraisal of research in areas of learning and teaching. Study and development of instructional models as applied to classroom teaching and learning.									
EHS	TEDU	<b>EDSE</b>	<b>3970T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>3980T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>3990H</b>	<b>Teaching English Lanuage Learners</b>	LEC	LE	1 to 3	999		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Student teaching Designed to help future teachers become more effective in expanding English language learners' access to the core curriculum of the mainstream classroom. To educate English learners, teachers need to know both basic principles of language learning and also specific methods of instruction. Discussions of current research, concepts and theories of ESL/EFL teaching and learning, and various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	<b>EDSE</b>	<b>4150</b>	<b>Curriculum Studies: Secondary School</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Jr or Sr Designed to assist students in their exploration of curriculum theory and development. Explores the theory and philosophy of secondary school curriculum to prepare high school teachers, administrators, and curriculum directors in their roles as leaders in the area of curriculum design.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	FLD	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	FLD	FE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDTE 2000 and 2010 and 2020 Emphasizes techniques for using reading and writing as tools for the acquisition of new content in any given discipline. Areas of general literacy skills, prior knowledge of content, content-specific literacy skills, and understanding of the nature of reading instruction in secondary schools stressed. Emphasis also on diagnosis of reading difficulties and adaptation of materials and teaching methods for content area instruction. Another important focus is on instruction in the classroom. Addressed concepts include ESL/EFL teaching and learning theories, various methods and techniques of ESL/EFL instruction in the classroom.									
EHS	TEDU	<b>EDSE</b>	<b>4320</b>	<b>Evaluation of Student Progress</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Provides skills and knowledge on using classroom assessment tool to evaluate student learning and use of data efficiently and effectively through analysis and application, to promote data-driven decision making and problem solving based on collected data.									
EHS	TEDU	<b>EDSE</b>	<b>4400</b>	<b>Secondary School Science Methods</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3510 and (Jr or Sr) 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	<b>EDSE</b>	<b>4400L</b>	<b>Secondary School Science Teaching Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: EDSE 4400 or concurrent 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>4700</b>	<b>Teaching Bookkeeping and Business</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1020 and EDSE 3510 Materials, methods, and techniques in teaching bookkeeping and basic business subjects.									
EHS	TEDU	<b>EDSE</b>	<b>4720</b>	<b>Teaching Earth Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3510 Principles and practices for teaching earth science discussed. Model curricula investigated. Involves development of earth science unit plans for use with teachers and students in P-16.									
EHS	TEDU	<b>EDSE</b>	<b>4720L</b>	<b>Teaching Earth Science Lab</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 4720 concurrent Teacher candidates assess, plan, instruct, and reflect on the teaching of science via a secondary science early field classroom. Emphasis placed on the observation and application of a variety of methods for teaching science, including the learning cycle.									
EHS	TEDU	<b>EDSE</b>	<b>4780</b>	<b>Teaching Physical Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3510 Principles and practices for teaching physical science discussed. Model curricula investigated. Involves development of physical science unit plans for use with teachers and students in P-16.									
EHS	TEDU	<b>EDSE</b>	<b>4780L</b>	<b>Teaching Physical Science Lab Field Experience</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 4780 concurrent Teacher candidates assess, plan, instruct, and reflect on the teaching of science in a secondary science early field classroom. Emphasis placed on observation and application of a variety of methods for teaching science, including the learning cycle.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDSE</b>	<b>4790</b>	<b>Introduction to Teaching Secondary Social Studies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3510 or concurrent 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	<b>EDSE</b>	<b>4790</b>	<b>Introduction to Teaching Secondary Social Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 3510 or concurrent 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	<b>EDSE</b>	<b>4790L</b>	<b>Teaching Secondary Social Studies Field Experience</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EDSE 4790 or concurrent Field experience focuses on applying the knowledge gained in EDSE 4790 to curriculum planning by allowing candidates to move from theory to practice by developing and teaching social studies lessons in the classroom setting.									
EHS	TEDU	<b>EDSE</b>	<b>4900</b>	<b>Special Topics in Secondary Education</b>	LEC	EL	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Current developments in secondary education. Selected topics offered at instructor's discretion.									
EHS	TEDU	<b>EDSE</b>	<b>4900</b>	<b>Special Topics in Secondary Education</b>	LEC	LE	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Current developments in secondary education. Selected topics offered at instructor's discretion.									
EHS	TEDU	<b>EDSE</b>	<b>4970T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial open to HTC students only.									
EHS	TEDU	<b>EDSE</b>	<b>4980T</b>	<b>Secondary Education Honors Tutorial</b>	TUT	TU	1 to 10	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Individualized tutorial open to HTC students only.									
EHS	TEDU	<b>EDSP</b>	<b>2710</b>	<b>Introduction to Special Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>2900</b>	<b>Special Topics in Education - Special</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSP</b>	<b>2900</b>	<b>Special Topics in Education - Special</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSP</b>	<b>3550</b>	<b>Technological Applications in Special Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to Advanced Standing and 2.75 GPA 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>	FLD	FE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA 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>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	3610	<b>Field Experience in Special Education/Moderate to Intensive Educational Needs</b>	FLD	FE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA						
		COURSE DESC:		Provides minimum of 120 direct field hours of practical application of concepts and skills introduced in special education courses in the prerequisite and current block courses; direct observations, assessment, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with moderate to intensive educational needs.									
EHS	TEDU	EDSP	3610	<b>Field Experience in Special Education/Moderate to Intensive Educational Needs</b>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA						
		COURSE DESC:		Provides minimum of 120 direct field hours of practical application of concepts and skills introduced in special education courses in the prerequisite and current block courses; direct observations, assessment, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with moderate to intensive educational needs.									
EHS	TEDU	EDSP	3700	<b>Classroom Management of Learners with Special Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA						
		COURSE DESC:		Course content and activities focus on the ethical development of behavior management skills and applied behavioral analysis techniques for the purposes of prevention, reducing behavioral problems, maximizing learning and enhancing pupil self determination across the life-span. Content and activities cover etiology of problem behavior (FBA, Functional Behavioral Assessment), identification, assessment, planning and implementation of management methods within the context of a single subject research project used with all age learners with mild, moderate and intensive academic and social educational needs.									
EHS	TEDU	EDSP	3760	<b>Methods for Learners with Mild to Moderate Educational Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (EDSP 3550 and 3600 and 3700 and 4730)						
		COURSE DESC:		Increasing responsibilities in the practical application of concepts and skills introduced in special education courses in prerequisite and current block; direct observations, planning, and teaching under the supervision of a cooperating teacher and university supervisor in settings with persons with mild to moderate educational needs. Requires minimum of 120 direct contact hours.									
EHS	TEDU	EDSP	4600	<b>Field Experience in Special Education--Mild to Moderate Educational Needs</b>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	(EDSP 3770 and 4750 and 4770) or concurrent and C or better in (EDSP 3550 and 3610 and 3700 and 4730 and 4850)						
		COURSE DESC:		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	4730	<b>Current Issues in Special Education (MM, MI)</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and (EDSP 3600 or 3610 or concurrent) and (EDSP 3550 and 3700 and 4850) and advanced standing in education and 2.75 GPA						
		COURSE DESC:		Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services, academic, cognitive, medical, behavioral, social, communicative, and psychosocial needs, assistive devices, legal, ethical, cultural, family, self-determination, and advocacy issues studied in relation to the characteristics and needs of learners from birth to adulthood.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDSP</b>	<b>4750</b>	<b>Methods for Learners with Moderate to Intensive Educational Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (EDSP 3550 and 3610 and 3700 and 4730 and 4850) 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	<b>EDSP</b>	<b>4770</b>	<b>Collaboration, Curriculum Consultation, Co-Teaching and Teaming in Special Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (EDSP 3600 or 3610) and 3550 and 3700 and 4730 and 4850 and 2.75 GPA Comprehensive overview and development of professional competencies related to research/evidence based practice, standards-based curriculum development, access to the general education curriculum, collaboration, consultation and co-teaching in special education. Content includes selection and use of research/evidence based practices, collaboration and consultation processes, curriculum development/co-planning (developing unit of study), universal design for learning (UDL), adaptations and modifications of curricula and instruction to meet learner needs, communicating with professionals and parents, working in teams, legal and ethical issues, interagency and interdisciplinary collaboration, and collaborating with families of students with special needs. Designed for candidates in the mild-moderate (GC) and moderate-intensive and (IC) areas.									
EHS	TEDU	<b>EDSP</b>	<b>4850</b>	<b>Assessment of Learners with Special Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (EDCT 2030 and EDTE 2000 and 2010 and 2020) and advanced standing in professional education and 2.75 GPA Covers the standardized norm references, formative, summative, family and ecological methods of assessment, screening and classification, collection and appropriate application of assessment data utilizing laboratory and field experiences. Legal and ethical issues related to the assessment and evaluation of learners with exceptional needs covered. Designed for candidates in the mild-moderate (GC) and moderate-intensive and (IC) areas.									
EHS	TEDU	<b>EDSP</b>	<b>4900</b>	<b>Special Topics in Education - Special</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSP</b>	<b>4900</b>	<b>Special Topics in Education - Special</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	<b>EDSP</b>	<b>5700</b>	<b>Nature and Needs of Persons with Exceptionalities</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5720</b>	<b>Career Development and Transition Planning for Individuals with Disabilities</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDSP 5700 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>5730</b>	<b>Assessment of Learners with Special Needs</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDSP 5700 Covers standardized norm referenced, formative, summative, family and ecological methods of assessment, screening and classification, collection and appropriate application of assessment data utilizing laboratory and field experiences. Legal and ethical issues related to the assessment and evaluation of learners with exceptional needs covered. Designed for candidates in the mild-moderate (GC), moderate-intensive and (IC) and early childhood (EC) Intervention Specialist areas.									
EHS	TEDU	<b>EDSP</b>	<b>5740</b>	<b>Behavioral Management for Learners with Special Needs</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDSP 5700 Ethical development of behavior management skills and applied behavioral analysis techniques for the purposes of prevention, reducing behavioral problems, maximizing learning and enhancing learner self determination across the life-span. Course content and activities cover etiology of problem behavior (FBA Functional Behavioral Assessment), identification, assessment, planning and implementation of management methods within the context of a single subject research project used with applicable age learners with mild, moderate and intensive academic and social educational needs.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDSP	5750	<b>Collaboration, Curriculum Consultation, Teaming and Co-Teaching in Special Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Comprehensive overview and development of professional competencies related to research/evidence based practice, standards-based curriculum development, access to the general education curriculum, collaboration, consultation and co-teaching in special education. Content includes the selection and use of research/evidence based practices, collaboration and consultation processes, curriculum development/co-planning (developing unit of study), universal design for learning (UDL), adaptations and modifications of curricula and instruction to meet learner needs, communicating with professionals and parents, working in teams, legal and ethical issues, interagency and interdisciplinary collaboration, and collaborating with families of students with special needs. The course is designed for candidates in the Mild-Moderate (GC), Moderate-Intensive and (IC) and Early Childhood (EC) Intervention Specialist areas.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5760	<b>Current Issues in Special Education (MM, MI, ECIS)</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services, academic, cognitive, medical, behavioral, social, communicative, and psychosocial needs, assistive devices, legal, ethical, cultural, family, self-determination, and advocacy issues are studied in relation to the characteristics and needs of learners from birth to adulthood.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5770	<b>Methods for Learners with Moderate to Intensive Educational Needs</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Design and application of multifaceted/transdisciplinary assessment procedures, curricular adoption/development, IEP transition, technology planning, proficiency testing/alternatives, instructional strategies including age-appropriate, functional, and community reference skills; use of positive behavioral supports; educational, adaptive equipment, assistive devices, and instructional materials to promote self-determination. Methods applied through case-based instruction, hands-on participation, and cooperative teaming.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5790	<b>Methods and Materials for Learners with Mild-Moderate Educational Needs</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5810	<b>Methods for Early Childhood Special Education Learners</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Develop knowledge and skills to select, plan, implement and evaluate culturally, developmentally and individually appropriate methods of instruction for teaching young students (age 3 to grade 3) with mild to intensive disabilities (including cognitive disabilities, learning disabilities, behavioral disabilities, physical impairments, and other health impairments). Topics include: Developing implementing and evaluating instruction in developmental/content areas ( goals, objectives, lessons, & units), the use and application of various instructional and assistive technologies, provision of community-based activities, use of cooperative learning, and implicit and explicit teaching methods, integration of functional teaching into curriculum for learners with mild to intensive needs, development of the Individualized Education Program (IEP), knowledge of the Individual Family Service Plan (IFSP) with attention to transition from early intervention to preschool and from preschool into kindergarten, collaboration with families and other professionals to promote the development of young children with special needs within the family, early childhood settings and public schools. Candidates will implement and apply practices. The course is designed for candidates in the Early Childhood (EC) Intervention Specialist area.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDSP	5900	<b>Special Topics in Education - Special</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	TEDU	EDSP	5900	<b>Special Topics in Education - Special</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	TEDU	EDSP	6700	<b>Technological Applications in Special Education</b> ELIGIBLE GRADES: A-F, CR, PR 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. 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.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDSP</b>	<b>6720</b>	<b>Advanced Differentiated/ Instructional Adaptations</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to Advanced Master's Program Designed to develop skills needed by licensed general education teachers to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes collaboration strategies, curriculum modifications, instruction and management adaptations, principles and skills for differentiating instruction in an inclusive classroom. The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.									
EHS	TEDU	<b>EDSP</b>	<b>6720</b>	<b>Advanced Differentiated/ Instructional Adaptations</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Admission to Advanced Master's Program Designed to develop skills needed by licensed general education teachers to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes collaboration strategies, curriculum modifications, instruction and management adaptations, principles and skills for differentiating instruction in an inclusive classroom. The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.									
EHS	TEDU	<b>EDSP</b>	<b>6800</b>	<b>Practicum in Moderate-Intensive Educational Needs</b>	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6800</b>	<b>Practicum in Moderate-Intensive Educational Needs</b>	SEM	SE	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6810</b>	<b>Graduate Practicum in Mild-Moderate Educational Needs</b>	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6810</b>	<b>Graduate Practicum in Mild-Moderate Educational Needs</b>	SEM	SE	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6820</b>	<b>Graduate Practicum in Early Childhood Special Education</b>	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6820</b>	<b>Graduate Practicum in Early Childhood Special Education</b>	SEM	SE	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6830</b>	<b>Practicum in Differentiated Instruction/Universal Design for Learning</b>	PRA	PR	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	<b>EDSP</b>	<b>6830</b>	<b>Practicum in Differentiated Instruction/Universal Design for Learning</b>	SEM	EL	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDSP</b>	<b>6830</b>	<b>Practicum in Differentiated Instruction/Universal Design for Learning</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Develops skills needed by licensed general education teachers in DI (Differentiated Instruction) to work with learners with exceptional/diverse needs in inclusive classrooms including collaboration strategies, curriculum modifications, instruction and management adaptations, and Universal Design for Learning. Each practicum hour requires 30 hours in direct instructional activities.	SEM	SE	2 to 6	6		I	G50		0
EHS	TEDU	<b>EDSP</b>	<b>6900</b>	<b>Special Topics in Education - Special</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDSP</b>	<b>6900</b>	<b>Special Topics in Education - Special</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>1500</b>	<b>Introduction to Teacher Education</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Introduction to the teaching profession. Candidates engage in a variety of experiences that broadly explore the purposes of schools in society and the knowledge dispositions, and performances required to be an effective teacher today.	LEC	LE	2	0		N	U10		0
EHS	TEDU	<b>EDTE</b>	<b>2000</b>	<b>Learning and Human Development</b> ELIGIBLE GRADES: A-F REQUISITE: EDTE 1500 and (EDTE 2010 and 2020 or concurrent) and Admission to Teacher Candidacy 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.	LEC	LE	3	0		N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2010</b>	<b>Characteristics of Learners with Exceptionalities</b> ELIGIBLE GRADES: A-F REQUISITE: EDTE 1500 and (EDTE 2000 and 2020 or concurrent) and Admission to Teacher Candidacy 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.	LEC	LE	3	0		N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2020</b>	<b>Field Experience in Education</b> ELIGIBLE GRADES: A-F, CR REQUISITE: EDTE 1500 and (EDTE 2000 and 2010 concurrent) and Admission to Teacher Candidacy COURSE DESC: Application of principles of typical child development, learned in EDTE 2000, and exceptional development of children and youth, learned in EDTE 2010, through observation, assisting, adapting tests and lessons, and tutoring a diverse range of pupils in a field setting.	LAB	LB	1	0		N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2200</b>	<b>Phonics and the Structure of Language</b> ELIGIBLE GRADES: A-F REQUISITE: Admission to Teacher Candidacy COURSE DESC: Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.	LEC	EL	3	0		N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2200</b>	<b>Phonics and the Structure of Language</b> ELIGIBLE GRADES: A-F REQUISITE: Admission to Teacher Candidacy COURSE DESC: Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.	LEC	LE	3	0		N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2500</b>	<b>Issues in Global Education</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: We live in a global community where social, political, economic, and environmental issues affect us all. This course is designed for students to learn inquiry and problem-based approaches to investigate the complexities of global problems, their interdependence, and the effects on human experiences. Historical, political, geographic, and economic perspectives will be taught to address a variety of global issues. From this experience, students will develop deeper cross-cultural awareness and understanding, critical thinking and informed decision-making, and effective literacy and communication skills needed to be responsible and engaged global citizens.	LEC	EL	3	0	2CP	N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2500</b>	<b>Issues in Global Education</b> ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: We live in a global community where social, political, economic, and environmental issues affect us all. This course is designed for students to learn inquiry and problem-based approaches to investigate the complexities of global problems, their interdependence, and the effects on human experiences. Historical, political, geographic, and economic perspectives will be taught to address a variety of global issues. From this experience, students will develop deeper cross-cultural awareness and understanding, critical thinking and informed decision-making, and effective literacy and communication skills needed to be responsible and engaged global citizens.	LEC	LE	3	0	2CP	N	U30		0
EHS	TEDU	<b>EDTE</b>	<b>2900</b>	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	2900	<b>Special Topics in Education - Teacher Education</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
EHS	TEDU	EDTE	3250	<b>Literature-Centered Developmental Reading Instruction</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
EHS	TEDU	EDTE	3250	<b>Literature-Centered Developmental Reading Instruction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
EHS	TEDU	EDTE	3500	<b>Globalization in Education</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
EHS	TEDU	EDTE	3500	<b>Globalization in Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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.									
EHS	TEDU	EDTE	3710	<b>Instructional Adaptations for Early Childhood Learners with Exceptionalities and Diverse Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to Advanced Standing and 2.75 GPA Course combines with clinical/field experience to develop skills needed by early childhood educators to work with families and young children with special needs in early childhood programs. Content includes universal design of curricula and assessments, curriculum modifications, instructional and management adaptations, Response to Intervention (RTI), the development and use of positive behavior supports, students assessment and progress monitoring, effective collaboration strategies, accessing related and support services, and skills required for instructing/managing an inclusive classroom.									
EHS	TEDU	EDTE	3720	<b>Instructional Adaptations for Middle Childhood Learners with Exceptionalities and Diverse Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Admission to Advanced standing and 2.75 GPA Designed to develop skills needed by educators at the upper elementary and middle levels to work with learners with exceptionalities and diverse needs in inclusive classrooms. Content includes curriculum modifications, instructional and management adaptations, effective collaboration strategies, accessing related and support services, and skills required for instructing and managing an inclusive classroom.									
EHS	TEDU	EDTE	3730	<b>Instructional Adaptations for Adolescent-Young Adult Learners with Exceptionalities &amp; Diverse Needs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		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.									
EHS	TEDU	EDTE	4110	<b>Developing Thinking Skills</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Focuses on understanding the nature critical thinking skills in K-12 students, how to effectively teach these skills, and how to assess whether students have reached an effective level of critical thinking.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	4110	<b>Developing Thinking Skills</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on understanding the nature critical thinking skills in K-12 students, how to effectively teach these skills, and how to assess whether students have reached an effective level of critical thinking.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4200	<b>Teaching Reading in the Content Areas</b> ELIGIBLE GRADES: A-F COURSE DESC: Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4200	<b>Teaching Reading in the Content Areas</b> ELIGIBLE GRADES: A-F COURSE DESC: Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4210	<b>Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	FLD	FE	3	0		N	U30		0
EHS	TEDU	EDTE	4210	<b>Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4210	<b>Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is designed to provide candidates with a theoretical and practical understanding of the foundations of reading instruction, assessment, and intervention. It does this by providing practical, hands-on experiences that will allow the candidate to assess, reflect on, and design instruction that fits the strengths and weaknesses of classroom students. Candidates analyze both formal and informal assessment and observations to provide differentiated intervention designed for the individual student's needs and learning styles.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4220	<b>Assessing and Teaching Struggling Readers</b> ELIGIBLE GRADES: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	FLD	FE	3	0		N	U30		0
EHS	TEDU	EDTE	4220	<b>Assessing and Teaching Struggling Readers</b> ELIGIBLE GRADES: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4220	<b>Assessing and Teaching Struggling Readers</b> ELIGIBLE GRADES: A-F COURSE DESC: Initial introduction in in-depth assessment and evaluation of students' reading ability with the intent of preparing programs of instruction designed to improve reading weaknesses. Candidates learn and administer a number of different assessments and plan instruction according to determined student needs. Emphasis is placed on working with a single student who has been identified as reading below grade level. Candidates write a final case report of one student's reading strengths and needs.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4230	<b>Reading Practicum</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of strategies to support troubled readers. Candidates tutor a student who is at least one year below grade level in reading. There are group meeting to discuss students and strategies and to examine new strategies. Candidates complete a case study of their work with the student for presentation to the student's parent (care giver) and other professionals.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4230	<b>Reading Practicum</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of strategies to support troubled readers. Candidates tutor a student who is at least one year below grade level in reading. There are group meeting to discuss students and strategies and to examine new strategies. Candidates complete a case study of their work with the student for presentation to the student's parent (care giver) and other professionals.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	4430	<b>Teaching Environmental Education</b> ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on helping teacher candidates across the content areas to develop a deep understanding of issues in environmental education, how to integrate teaching about these issues into their own discipline, and how to effectively assess student knowledge of issues that affect the local, national and global environment.	LEC	EL	3	0		N	U30		0
EHS	TEDU	EDTE	4430	<b>Teaching Environmental Education</b> ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on helping teacher candidates across the content areas to develop a deep understanding of issues in environmental education, how to integrate teaching about these issues into their own discipline, and how to effectively assess student knowledge of issues that affect the local, national and global environment.	LEC	LE	3	0		N	U30		0
EHS	TEDU	EDTE	4900	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
EHS	TEDU	EDTE	4900	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
EHS	TEDU	EDTE	5100	<b>Principles of Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: This course will provide you with multiple perspectives as an explicit focus for the study of curriculum and curriculum theory. Major curricular movements, principles of curriculum development, forces affecting what is taught, curriculum evaluation, and recent trends including content area national and state standards.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5100L	<b>Principles of Curriculum - Laboratory</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Lab companion course for EDTE 5100.	LAB	LB	1	0		N	G50		0
EHS	TEDU	EDTE	5110	<b>Developing a Thinking Skills Program for the Elementary/Secondary Classroom</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Examines current research and theory about the teaching of thinking skills. Emphasis on the integration of theory, research, and classroom instruction.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5110	<b>Developing a Thinking Skills Program for the Elementary/Secondary Classroom</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Examines current research and theory about the teaching of thinking skills. Emphasis on the integration of theory, research, and classroom instruction.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5200	<b>Literature-Centered Developmental Reading Instruction</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: This course provides preservice teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5200	<b>Literature-Centered Developmental Reading Instruction</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: This course provides preservice teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5201	<b>Theoretical Foundations of Reading Instruction</b> ELIGIBLE GRADES: A-F COURSE DESC: This course provides an understanding of the theoretical foundations of reading and reading instruction. Topics of instruction include: historical perspectives of the field; theories of reading and reading instruction; research in reading and reading instruction; and the relationships between oral language, writing, diversity and learning to read. Emphasis is on how these factors impact the decisions teachers make when planning, preparing, organizing and teaching literacy in the classroom.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5201	<b>Theoretical Foundations of Reading Instruction</b> ELIGIBLE GRADES: A-F COURSE DESC: This course provides an understanding of the theoretical foundations of reading and reading instruction. Topics of instruction include: historical perspectives of the field; theories of reading and reading instruction; research in reading and reading instruction; and the relationships between oral language, writing, diversity and learning to read. Emphasis is on how these factors impact the decisions teachers make when planning, preparing, organizing and teaching literacy in the classroom.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5210	<b>Foundation of Language and Diversity</b>	FLD	FE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5210	<b>Foundation of Language and Diversity</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5210	<b>Foundation of Language and Diversity</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		In-depth study of how diversity (English language learners (ELLs), students of different cultural and ethnic backgrounds, and students with learning problems) effects the development of reading. Covers a comprehensive review of the research literature in these areas as well as an examination of suggested strategies for teaching students of diversity and how these strategies align with the research. Field work during which candidates observe and teach students from among these categories is a part of this course.									
EHS	TEDU	EDTE	5220	<b>Assessing and Teaching Struggling Readers</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	EDTE	5230	<b>Reading/Language: Laboratory</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Candidates assess and tutor a student in grades Pre-K--3 or grades 4--8, whichever level they didn't work with in EDTE 5220. Emphasis continues on assessment and instructional strategies.									
EHS	TEDU	EDTE	5230	<b>Reading/Language: Laboratory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Candidates assess and tutor a student in grades Pre-K--3 or grades 4--8, whichever level they didn't work with in EDTE 5220. Emphasis continues on assessment and instructional strategies.									
EHS	TEDU	EDTE	5240	<b>Literature for Children and Adolescents</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									
EHS	TEDU	EDTE	5240	<b>Literature for Children and Adolescents</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									
EHS	TEDU	EDTE	5250	<b>Reading Instruction</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Focuses on core and remedial reading instruction.									
EHS	TEDU	EDTE	5250	<b>Reading Instruction</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Focuses on core and remedial reading instruction.									
EHS	TEDU	EDTE	5260	<b>Teaching Reading in the Content Areas</b>	LEC	EL	3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.									
EHS	TEDU	EDTE	5260	<b>Teaching Reading in the Content Areas</b>	LEC	LE	3	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Strategies for using various genre of reading materials in different content classrooms presented. Diagnosis of the readability of texts and the adaptation of materials and teaching for content area instruction presented.									
EHS	TEDU	EDTE	5270	<b>Phonics and the Structure of Language</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									
EHS	TEDU	EDTE	5270	<b>Phonics and the Structure of Language</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Provides information and training in the foundations of phonics instruction. Explores the historical, linguistic, and instructional framework related to phonics skill development.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	5300	<b>Problems and Practices in Modern Elementary Mathematics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Permission required and Admission to Intervention Specialist Program and EDRE 5010 Modern elementary mathematics curriculum with emphasis on why changes are occurring. Nature of changes as reflected from experimental programs; effect on teaching methods. Implementation of these changes in the classroom.	LEC	EL	3	0		I	G50		0
EHS	TEDU	EDTE	5300	<b>Problems and Practices in Modern Elementary Mathematics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Permission required and Admission to Intervention Specialist Program and EDRE 5010 Modern elementary mathematics curriculum with emphasis on why changes are occurring. Nature of changes as reflected from experimental programs; effect on teaching methods. Implementation of these changes in the classroom.	LEC	LE	3	0		I	G50		0
EHS	TEDU	EDTE	5400	<b>New Programs and Practices in Science</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 5100 New programs and trends in science teaching identified and evaluated. Philosophy, content, and grade level placement of topics in federal, foundation, and privately sponsored experimental programs in elementary and/or secondary science education identified and practiced in a classroom setting.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5400	<b>New Programs and Practices in Science</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 5100 New programs and trends in science teaching identified and evaluated. Philosophy, content, and grade level placement of topics in federal, foundation, and privately sponsored experimental programs in elementary and/or secondary science education identified and practiced in a classroom setting.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5410	<b>New Topics in Science and Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	LEC	EL	1 to 3	6		N	G50		0
EHS	TEDU	EDTE	5410	<b>New Topics in Science and Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	LEC	LE	1 to 3	6		N	G50		0
EHS	TEDU	EDTE	5420	<b>Seminar in Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	SEM	EL	1 to 3	6		N	G50		0
EHS	TEDU	EDTE	5420	<b>Seminar in Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	SEM	SE	1 to 3	6		N	G50		0
EHS	TEDU	EDTE	5510	<b>Teaching Middle Childhood Social Studies</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5510L	<b>Teaching Middle Childhood Social Studies - Lab</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 5510 concurrent Companion lab course for EDTE 5510.	LAB	LB	1	0		N	G50		0
EHS	TEDU	EDTE	5600	<b>Advanced Studies of Children and Adolescents</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Intensive study of research in child development from conception to maturity and implications for educational practices.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	5600	<b>Advanced Studies of Children and Adolescents</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Intensive study of research in child development from conception to maturity and implications for educational practices.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	5670	<b>Issues in Teaching and Learning</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Focuses on issues in teaching and learning.	LEC	EL	3	0		N	G50		0



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EHS	TEDU	<b>EDTE</b>	<b>5670</b>	<b>Issues in Teaching and Learning</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Focuses on issues in teaching and learning.	LEC	LE	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>5900</b>	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>5900</b>	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6100</b>	<b>Early Childhood Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6110</b>	<b>Supervision of Instruction</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	SEM	EL	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6110</b>	<b>Supervision of Instruction</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6120</b>	<b>Middle Childhood Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6130</b>	<b>High School Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	EL	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6130</b>	<b>High School Curriculum</b> ELIGIBLE GRADES: A-F, CR, PR 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>6140</b>	<b>Analysis of Supervisory Systems</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: EDTE 6110 COURSE DESC: This course is designed for practicing teachers with some level of mentoring experience interested in developing coaching strategies necessary for peer mentoring of small groups or teams of teachers. Skills include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. The purpose of this course is to prepare practicing teachers with some level of mentoring experience with the tools necessary to successfully support groups of teachers in a coaching environment. include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Mentoring and group facilitation skills will be developed and refined/enhanced. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. Given the educational landscape, peer coaching from experienced teachers offers a supportive, reflective, collegial forum for providing professional development at both the building and district level.	SEM	EL	3	0		N	G50		0

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EHS	TEDU	EDTE	6140	<b>Analysis of Supervisory Systems</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: EDTE 6110 This course is designed for practicing teachers with some level of mentoring experience interested in developing coaching strategies necessary for peer mentoring of small groups or teams of teachers. Skills include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. The purpose of this course is to prepare practicing teachers with some level of mentoring experience with the tools necessary to successfully support groups of teachers in a coaching environment. include planning and facilitation of small group coaching meetings, developing and conflict resolution skills. Mentoring and group facilitation skills will be developed and refined/enhanced. Following extensive research and an analysis of tools and instruments utilized in the mentoring processes, teachers will design coaching sessions addressing specific components of the teaching process. Given the educational landscape, peer coaching from experienced teachers offers a supportive, reflective, collegial forum for providing professional development at both the building and district level.									
EHS	TEDU	EDTE	6160	<b>Managing and Monitoring Student Learning</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDTE 5100 and 5100L and 5600 This course is designed to help general education teachers and general education teacher candidates, with a focus on grades 7-12 become more proficient at managing classroom procedures as well as student behavior. In addition this class will give teachers and teacher candidates the skills needed to use classroom assessment data more efficiently and effectively through analysis and application, thereby promoting data-driven decision making and problem solving based on collected data.									
EHS	TEDU	EDTE	6160	<b>Managing and Monitoring Student Learning</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDTE 5100 and 5100L and 5600 This course is designed to help general education teachers and general education teacher candidates, with a focus on grades 7-12 become more proficient at managing classroom procedures as well as student behavior. In addition this class will give teachers and teacher candidates the skills needed to use classroom assessment data more efficiently and effectively through analysis and application, thereby promoting data-driven decision making and problem solving based on collected data.									
EHS	TEDU	EDTE	6161	<b>Issues in Adult Education</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Fcuses on issues in adult education.									
EHS	TEDU	EDTE	6161	<b>Issues in Adult Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Fcuses on issues in adult education.									
EHS	TEDU	EDTE	6170	<b>Introduction to Teaching Portfolio</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDRE 5010 and EDTE 5100 and 6600 This course introduces teacher candidates to the development of professional teaching portfolio. It fosters professional growth, facilitates analytic reflection, and critical thinking skills. Candidates understand professional teaching standards and learn the tool of assessment through hands-on experience. Teachers candidates with teaching licensures develop a National Board Certification Portfolio- a capstone professional development portfolio.									
EHS	TEDU	EDTE	6170	<b>Introduction to Teaching Portfolio</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDRE 5010 and EDTE 5100 and 6600 This course introduces teacher candidates to the development of professional teaching portfolio. It fosters professional growth, facilitates analytic reflection, and critical thinking skills. Candidates understand professional teaching standards and learn the tool of assessment through hands-on experience. Teachers candidates with teaching licensures develop a National Board Certification Portfolio- a capstone professional development portfolio.									
EHS	TEDU	EDTE	6230	<b>Coaching Classroom Teachers in Reading/Literacy</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDTE 5200 and 5210 This course will focus on the theory, knowledge, and practices required for the development of reading coaches who support classroom teachers with literacy assessment and instruction. Candidates will participate in field-based activities to assist classroom teachers with assessment of individual students and interpretation of assessment data to plan instruction and select materials, to conduct professional study groups for teachers, and to model research-based reading strategies in the classroom.									
EHS	TEDU	EDTE	6230	<b>Coaching Classroom Teachers in Reading/Literacy</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EDTE 5200 and 5210 This course will focus on the theory, knowledge, and practices required for the development of reading coaches who support classroom teachers with literacy assessment and instruction. Candidates will participate in field-based activities to assist classroom teachers with assessment of individual students and interpretation of assessment data to plan instruction and select materials, to conduct professional study groups for teachers, and to model research-based reading strategies in the classroom.									
EHS	TEDU	EDTE	6600	<b>Advanced Principles of Teaching</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Critical appraisal of research in areas of learning and teaching. Study of instructional models as applied to classroom teaching and learning.									
EHS	TEDU	EDTE	6600	<b>Advanced Principles of Teaching</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Critical appraisal of research in areas of learning and teaching. Study of instructional models as applied to classroom teaching and learning.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6600L	<b>Laboratory in Advanced Principles of Teaching and Learning</b>	LAB	EL	1	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: EDTE 6600 concurrent COURSE DESC: Application of principles of teaching and learning in clinical/field settings.									
EHS	TEDU	EDTE	6600L	<b>Laboratory in Advanced Principles of Teaching and Learning</b>	LAB	LB	1	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	SEM	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: EDTE 5100 and 5600 and 6600 and EDRE 5010 COURSE DESC: The course emphasizes the study of the key concepts, norms and principles of action research as part of the larger scope of teachers work as researchers and reflective practitioners. Candidates will be involved in an action research study relevant to their teaching context. The course will provide candidates with guided practice as they inquire into and reflect on their practice. The course allows candidates to apply research and bibliographic methods and resources necessary for inquiry into practice.									
EHS	TEDU	EDTE	6670	<b>Teacher as Action Researcher</b>	SEM	SE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR 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>	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
EHS	TEDU	EDTE	6900	<b>Special Topics in Education - Teacher Education</b>	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
EHS	TEDU	EDTE	6930	<b>Research in Education</b>	IND	IS	1 to 6	6		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required COURSE DESC: Individualized research project.									
EHS	TEDU	EDTE	6931	<b>Methods for Teaching Earth/Life/ and Physical Science</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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>	LAB	LB	1 to 3	3		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F REQUISITE: EDTE 5100 and at least 6 credit hours of graduate education courses COURSE DESC: Content and methods for teaching English language arts and literature in middle and high schools (4-9 grade).									
EHS	TEDU	EDTE	6932	<b>Methods of Teaching Middle Childhood English Language Arts</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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>	LAB	LB	1 to 3	3		N	G50		0
				ELIGIBLE GRADES: A-F, CR 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>	LEC	EL	4	0		I	G50		0
				ELIGIBLE GRADES: A-F, CR, PR 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	6936	<b>Method of Teaching Physical Education K-12</b>	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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's Research Project</b>	RSC	RS	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Master's research project.									
EHS	TEDU	EDTE	6950	<b>Master's Thesis</b>	THE	TH	3 to 6	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Master's thesis project.									
EHS	TEDU	EDTE	6980	<b>Introduction to Teaching Secondary Social Studies</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Introduction to the teaching and learning of social studies in secondary schools. Overview of historical background, ideological concerns, the subject fields and disciplines of the social studies, national and state curriculum standards, and the use of technology in the social studies.									
EHS	TEDU	EDTE	6980	<b>Introduction to Teaching Secondary Social Studies</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	EDTE 6600							
		COURSE DESC:		Review of selected approaches to the study of curriculum, curriculum construction processes, and alternative frameworks for approaching curriculum development and change initiatives. Emphasis will be placed on articulating a) evidence-based approaches for proposing studies of curriculum and instructional processes in classrooms and schools, b) the relative influence of various participants in curriculum and curriculum development processes, including students, teacher(s), materials, media and technology, in relation to social and cultural contexts in classroom, school, home and community settings, and c) student learning outcomes.									
EHS	TEDU	EDTE	7150	<b>Theories of Curriculum and Curriculum Change</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDTE</b>	<b>7160</b>	<b>Observing Instruction and Assessing Learners Outcomes in Classrooms and Other Settings</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	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	<b>EDTE</b>	<b>7170</b>	<b>Dynamics of Curriculum Change</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Focuses on the dynamics of curriculum change.									
EHS	TEDU	<b>EDTE</b>	<b>7170</b>	<b>Dynamics of Curriculum Change</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Focuses on the dynamics of curriculum change.									
EHS	TEDU	<b>EDTE</b>	<b>7200</b>	<b>Foundations of Elementary Reading Instructions</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Critical evaluation of literature on recent research, objectives, content, and methodology in reading and reading instruction. current problems and issues, recent trends and emphases in teaching practices. Analysis of the impact of the history of reading/literacy instruction, dominant theories of learning and philosophies of education on current thinking and practices in reading/literacy.									
EHS	TEDU	<b>EDTE</b>	<b>7200</b>	<b>Foundations of Elementary Reading Instructions</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Critical evaluation of literature on recent research, objectives, content, and methodology in reading and reading instruction. current problems and issues, recent trends and emphases in teaching practices. Analysis of the impact of the history of reading/literacy instruction, dominant theories of learning and philosophies of education on current thinking and practices in reading/literacy.									
EHS	TEDU	<b>EDTE</b>	<b>7210</b>	<b>Foundations of Language Instruction</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		In-depth study of the issues surrounding diversity and the instruction of reading/literacy.									
EHS	TEDU	<b>EDTE</b>	<b>7210</b>	<b>Foundations of Language Instruction</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		In-depth study of the issues surrounding diversity and the instruction of reading/literacy.									
EHS	TEDU	<b>EDTE</b>	<b>7220</b>	<b>Diagnosis: Reading/Language</b>	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		EDTE 7200 or 7260						
		COURSE DESC:		Provides an in-depth examination of issues surrounding the assessment of reading/literacy strengths and problems.									
EHS	TEDU	<b>EDTE</b>	<b>7220</b>	<b>Diagnosis: Reading/Language</b>	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		EDTE 7200 or 7260						
		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>	PRA	PR	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		EDTE 7220						
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	<b>EDTE</b>	<b>7230</b>	<b>Laboratory Reading/Language</b>	SEM	EL	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		EDTE 7220						
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	<b>EDTE</b>	<b>7230</b>	<b>Laboratory Reading/Language</b>	SEM	SE	3 to 10	10		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		EDTE 7220						
		COURSE DESC:		Provides an in-depth study of the pedagogical issues surrounding the instruction of students with reading/literacy problems. Candidates will have a practical experience working with these students.									
EHS	TEDU	<b>EDTE</b>	<b>7240</b>	<b>Literature for Children and Adolescents</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar in critical analysis of research and theory related to children's and adolescent literature. Opportunity to study individual problems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	7260	<b>Secondary Reading Instruction</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	7260	<b>Secondary Reading Instruction</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	7260	<b>Secondary Reading Instruction</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	3	0		N	G50		0
EHS	TEDU	EDTE	7300	<b>Curriculum in Mathematics Education</b> ELIGIBLE GRADES: A-F, 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.	LEC	EL	3	0		N	G50		0
EHS	TEDU	EDTE	7300	<b>Curriculum in Mathematics Education</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	7370	<b>Piaget's Theory of Constructivism and Its Application in Education</b> ELIGIBLE GRADES: A-F, 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.	DIS	DI	3	0		N	G50		0
EHS	TEDU	EDTE	7370	<b>Piaget's Theory of Constructivism and Its Application in Education</b> ELIGIBLE GRADES: A-F, 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.	DIS	EL	3	0		N	G50		0
EHS	TEDU	EDTE	7370	<b>Piaget's Theory of Constructivism and Its Application in Education</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G50		0
EHS	TEDU	EDTE	7370	<b>Piaget's Theory of Constructivism and Its Application in Education</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	7380	<b>Democratic Education and other Progressive Models</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	0		N	G50		0
EHS	TEDU	EDTE	7380	<b>Democratic Education and other Progressive Models</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G50		0

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EHS	TEDU	<b>EDTE</b>	<b>7400</b>	<b>Curriculum in Science Education</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7400</b>	<b>Curriculum in Science Education</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>7500</b>	<b>Inquiry and Value Clarification in Social Studies</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		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>7600</b>	<b>Readings and Research in Human Development</b>	SEM	SE	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Review of current literature and research in education. Preparation of research proposal.									
EHS	TEDU	<b>EDTE</b>	<b>7900</b>	<b>Advanced Seminar in Education Research</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	PRA	PR	1 to 6	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	EDTE 7150 and 7160						
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Master's degree						
		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>8000</b>	<b>Advanced Dynamics of Human Learning</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Master's degree						
		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Analytical study of theories, concepts, and strategies and roles of change agents as related to change in education.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	EDTE	8040	<b>Writing for Publication</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Permission required 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.	LEC	LE	3	0		N	G50		0
EHS	TEDU	EDTE	8100	<b>Seminar in Theories and Practices for Mentoring</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8200	<b>Research and Curriculum in Elementary Education Reading</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7200 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.	SEM	EL	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8200	<b>Research and Curriculum in Elementary Education Reading</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7200 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.	SEM	SE	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8230	<b>Research and Curriculum in the Literacy Clinic</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7200 Independent study with topic restricted to some aspect/level of reading instruction.	SEM	EL	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8230	<b>Research and Curriculum in the Literacy Clinic</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7200 Independent study with topic restricted to some aspect/level of reading instruction.	SEM	SE	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8240	<b>Research and Curriculum: Literature in a Reading/Literacy Program</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7210 Independent study with topic restricted to some aspect/level of language arts instruction.	SEM	EL	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8240	<b>Research and Curriculum: Literature in a Reading/Literacy Program</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 7210 Independent study with topic restricted to some aspect/level of language arts instruction.	SEM	SE	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8310	<b>Practicum in Mathematics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Practicum in teaching math prior to the professional internship.	LAB	LB	1 to 3	3		N	G50		0
EHS	TEDU	EDTE	8500	<b>Seminar in Social Studies Curriculum</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8510	<b>Seminar in Social Studies Research</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: EDTE 8500 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8520	<b>Seminar in Social Studies Education Research</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 8510 Identification of reasonable problems that can be researched in social studies and development of appropriate research design.	SEM	EL	3	0		N	G50		0
EHS	TEDU	EDTE	8520	<b>Seminar in Social Studies Education Research</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: EDTE 8510 Identification of reasonable problems that can be researched in social studies and development of appropriate research design.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8700	<b>Legal Issues in Special Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Permission required 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.	SEM	EL	3	0		N	G50		0



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EHS	TEDU	EDTE	8700	<b>Legal Issues in Special Education</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8720	<b>Critical Issues and Current Trends in Special Education</b> ELIGIBLE GRADES: A-F, 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	SEM	EL	3	0		N	G50		0
EHS	TEDU	EDTE	8720	<b>Critical Issues and Current Trends in Special Education</b> ELIGIBLE GRADES: A-F, 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	SEM	SE	3	0		N	G50		0
EHS	TEDU	EDTE	8740	<b>Applied Research in Disabilities</b> ELIGIBLE GRADES: A-F, 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	SEM	EL	3	0		I	G50		0
EHS	TEDU	EDTE	8740	<b>Applied Research in Disabilities</b> ELIGIBLE GRADES: A-F, 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	SEM	SE	3	0		I	G50		0
EHS	TEDU	EDTE	8900	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
EHS	TEDU	EDTE	8900	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
EHS	TEDU	EDTE	8912	<b>Research and Curriculum: Language and Literacy</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Supervised field experiences in reading.	FLD	FE	3 to 10	10		N	G50		0
EHS	TEDU	EDTE	8920	<b>Practicum in Special Education</b> ELIGIBLE GRADES: A-F, 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, and/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.	PRA	EL	1 to 10	10		I	G50		0
EHS	TEDU	EDTE	8920	<b>Practicum in Special Education</b> ELIGIBLE GRADES: A-F, 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, and/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.	PRA	PR	1 to 10	10		I	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	TEDU	<b>EDTE</b>	<b>8920</b>	<b>Practicum in Special Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: Permission required 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, and/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.	SEM	SE	1 to 10	10		I	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8921</b>	<b>Practicum in Secondary Education English</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: In-depth study of the school system and its English curriculum with critique by faculty and report by student using available research.	PRA	PR	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8922</b>	<b>Practicum in Secondary Education- Modern Foreign Languages</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: In-depth study of the school system and its modern foreign language curriculum with critique by faculty and report using available research.	PRA	EL	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8922</b>	<b>Practicum in Secondary Education- Modern Foreign Languages</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: In-depth study of the school system and its modern foreign language curriculum with critique by faculty and report using available research.	PRA	PR	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8923</b>	<b>Practicum in Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: 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.	PRA	PR	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8930</b>	<b>Independent Study in Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: Permission required Pre-dissertation independent doctoral study to increase content knowledge and pedagogical content knowledge.	IND	IS	1 to 8	8		I	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8940</b>	<b>Research in Mathematics Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: Research design and methodology in scientific investigations.	RSC	EL	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8940</b>	<b>Research in Mathematics Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: Research design and methodology in scientific investigations.	RSC	RS	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8941</b>	<b>Research in Science Education</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: A-F, CR, PR REQUISITE: 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.	RSC	RS	1 to 6	6		N	G50		0
EHS	TEDU	<b>EDTE</b>	<b>8950</b>	<b>Dissertation</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: CR, PR, F REQUISITE: Dissertation research.	THE	TH	1 to 15	15		N	G50		0
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> ELIGIBLE GRADES: A-F COURSE DESC: A-F REQUISITE: Sr only 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.	SEM	EL	3	0	3	N	U30		0
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> ELIGIBLE GRADES: A-F COURSE DESC: A-F REQUISITE: Sr only 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.	SEM	SE	3	0	3	N	U30		0

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ENT	AVN	<b>AVN</b>	<b>1000</b>	<b>Introduction to Aviation</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>1100</b>	<b>Private Pilot Ground School</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>2400</b>	<b>Private Pilot Flight Course</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Meets FAA mandated requirements for Private Pilot Certificate.	LAB	LB	3	0		I	U30		0
ENT	AVN	<b>AVN</b>	<b>2403</b>	<b>Private Pilot Flight Transfer Course</b> ELIGIBLE GRADES: A-F, PR 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.	LAB	LB	1	0		I	U30		0
ENT	AVN	<b>AVN</b>	<b>2900</b>	<b>Special Topics in Aviation</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
ENT	AVN	<b>AVN</b>	<b>2900</b>	<b>Special Topics in Aviation</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
ENT	AVN	<b>AVN</b>	<b>3000</b>	<b>Aviation Laws and Regulations</b> ELIGIBLE GRADES: A-F COURSE DESC: Student obtains knowledge, background, and understanding of aviation laws and regulations. Emphasis is placed upon areas of legal concepts of operation, contracts, insurance and liability, regulatory statutes, and case law. In addition, various regulations of FAA, DOT, NTSB, and ICAO will be covered.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>3050</b>	<b>Aviation Weather</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>3100</b>	<b>Instrument Pilot Ground School</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>3150</b>	<b>Aviation Safety</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	AVN	<b>AVN</b>	<b>3250J</b>	<b>Professional Aviation Communication</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0	1J	N	U30		75
ENT	AVN	<b>AVN</b>	<b>3250J</b>	<b>Professional Aviation Communication</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	1J	N	U30		75
ENT	AVN	<b>AVN</b>	<b>3400</b>	<b>Cross-Country Flight</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Flight training consisting of VFR cross-country flights and basic attitude instrument flying.	LAB	LB	3	0		I	U30		0

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ENT	AVN	<b>AVN</b>	<b>3500</b>	<b>Commercial Pilot Ground School</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	AVN 4000						
		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>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Instrument rating						
		COURSE DESC:		Provides review of instrument procedures to meet FAA current requirements.									
ENT	AVN	<b>AVN</b>	<b>4200</b>	<b>Commercial Flight</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	AVN 4050						
		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Commercial pilot certificate						
		COURSE DESC:		FAA mandated instruction to meet FAA Practical Test Standards (PTS) for certification as Commercial Pilot AMEL. Procedures will include, but are not limited to; those with both engines operative, with 1 engine inoperative (feathered), single-engine speeds, effects of airplane configuration on engine-out performance, en route operations, and single-engine approaches and landings.									
ENT	AVN	<b>AVN</b>	<b>4350</b>	<b>Flight Engineer</b>	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	<b>AVN</b>	<b>4450</b>	<b>Flight Instructor Flight Course</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Commercial pilot certificate and FAA fundamentals of instructing and flight instructor airplane knowledge tests passed 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>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 3100 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Flight Instructor Certificate 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>	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and instrument rating and commercial multi-engine rating 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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 4300 and AVN major 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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Flight instructor certificate- Instrument certificate- Commerical multiengine certificate FAA mandated flight instruction in multi-engine operations and instruction practices, anslsly of maneuvers, and practice teaching of multi-engine procedures.									
ENT	AVN	<b>AVN</b>	<b>4700</b>	<b>ATP Multi-Engine Flight Course</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Commercial pilot certificate and multi-engine rating 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>	TUT	TU	2 to 16	16		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required of department chair 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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 3900 and (MGT 2000 or MGT 2100) and Sr only 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>4800</b>	<b>Business in Aviation</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 3900 and (MGT 2000 or MGT 2100) and Sr only 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 4300 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 4300 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>4860</b>	<b>Principles of Corporate Flight Operations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AVN 4850 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	<b>AVN</b>	<b>4870</b>	<b>Corporate Flight Operations Internship</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	AVN major or minor and (Jr or Sr)						
		COURSE DESC:		Discussions and exercises to improve communication and networking skills while increasing knowledge of student's area of focus in the aviation industry. Topics include resume writing, interviewing, goal setting, report writing, presentation skills, public relations, and professional responsibilities.									
ENT	AVN	<b>AVN</b>	<b>4900</b>	<b>Special Topics in Aviation</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	AVN	<b>AVN</b>	<b>4900</b>	<b>Special Topics in Aviation</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>2000</b>	<b>Civil Engineering Fundamentals</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Overview of civil engineering profession and specialization areas, value of professional organizations and lifelong learning, introduction to departmental facilities, description of curriculum, advising responsibilities, communication skills, basic design concept, and impact of civil engineering on society.									
ENT	CE	<b>CE</b>	<b>2000</b>	<b>Civil Engineering Fundamentals</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Overview of civil engineering profession and specialization areas, value of professional organizations and lifelong learning, introduction to departmental facilities, description of curriculum, advising responsibilities, communication skills, basic design concept, and impact of civil engineering on society.									
ENT	CE	<b>CE</b>	<b>2010</b>	<b>Civil Engineering Computational Techniques</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2220 Basic theory and field practice in measurement of distance, elevation, and angle; boundary surveying; introduction to GPS and photogrammetry.									
ENT	CE	<b>CE</b>	<b>2100</b>	<b>Elements of Land Surveying</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2220 Basic theory and field practice in measurement of distance, elevation, and angle; boundary surveying; introduction to GPS and photogrammetry.									
ENT	CE	<b>CE</b>	<b>2160</b>	<b>Construction Engineering and Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>2900</b>	<b>Special Topics in Civil Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>3110</b>	<b>Route Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3120</b>	<b>Original Ohio Land Subdivisions</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: This course, designed for those who plan to sit for the State of Ohio's Professional Surveyors (PS) Exam or who are interested in the history of Ohio, provides a culmination of decades of research on field notes, plats, legislation, and observations on surveyors, cartographers, government officials, military commanders, Native Americans, early settlers, and land speculators that were intertwined with the historical development of Ohio lands and its subdivisions.									

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COURSE LISTING  
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ENT	CE	<b>CE</b>	<b>3300</b>	<b>Structural Theory I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3310</b>	<b>Structural Theory II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3420 or concurrent Lab techniques , calibration principles, fluid and flow measurements, pipe network, and pump test.									
ENT	CE	<b>CE</b>	<b>3420</b>	<b>Applied Hydraulics &amp; Hydrology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3400 and (4000 or concurrent) Flow and pressure distribution in multi-loop networks, dynamics of flow in pumps and turbines, uniform and nonuniform flow in open channels, culvert hydraulics, hydrologic cycle, groundwater flow, surface flows, and water storage.									
ENT	CE	<b>CE</b>	<b>3530</b>	<b>Basics of Environmental Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr) Engineering concepts, theory, design, and practice as applied to solution of problems of environmental technologies; waste management; drainage; and control of water, soil, and atmospheric pollution; social and environmental impact of these solutions.									
ENT	CE	<b>CE</b>	<b>3530</b>	<b>Basics of Environmental Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr) Engineering concepts, theory, design, and practice as applied to solution of problems of environmental technologies; waste management; drainage; and control of water, soil, and atmospheric pollution; social and environmental impact of these solutions.									
ENT	CE	<b>CE</b>	<b>3610</b>	<b>Transportation Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3110 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and GEOL 2830 and (CE 3400 or concurrent) Soil compositions, physical and chemical properties, and classifications; water movement and seepage problems; consolidation and shear strength; applications to earth structures, retaining walls, slope stability, shallow & deep foundations, and soil erosion.									
ENT	CE	<b>CE</b>	<b>3710</b>	<b>Soil Engineering Laboratory</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3700 or concurrent Classification of soils and determination of their properties through tests; grain size analysis, Atterberg limits, relative density, Proctor testing, permeability, direct shear, consolidation, unconfined compression, and CBR test.									
ENT	CE	<b>CE</b>	<b>3800</b>	<b>Civil Engineering Materials</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 Engineering properties of materials used in civil engineering applications including metals, concrete, timber, and composites.									
ENT	CE	<b>CE</b>	<b>4000</b>	<b>Societal Concerns in Civil Engineering</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Engineering economics, statistics, ethics & professionalism (as related to civil engineering field). Emphasis will be placed on the preparation of economic justification reports, statistical reporting, and conclusion development and ethical position statements. 3 lec.									



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ENT	CE	<b>CE</b>	<b>4000</b>	<b>Societal Concerns in Civil Engineering</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and (Jr or Sr) Engineering economics, statistics, ethics & professionalism (as related to civil engineering field). Emphasis will be placed on the preparation of economic justification reports, statistical reporting, and conclusion development and ethical position statements. 3 lec.									
ENT	CE	<b>CE</b>	<b>4100</b>	<b>Applied Boundary Surveying</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.									
ENT	CE	<b>CE</b>	<b>4100</b>	<b>Applied Boundary Surveying</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 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>4110</b>	<b>Legal Principles in Boundary Location</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	<b>CE</b>	<b>4150</b>	<b>Geodetic Surveying</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2100 Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.									
ENT	CE	<b>CE</b>	<b>4160</b>	<b>Construction Estimating &amp; Equipment</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2160 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>4160</b>	<b>Construction Estimating &amp; Equipment</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2160 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2160 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2160 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>4190</b>	<b>Project Development, Contracts, and Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2160 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>4240</b>	<b>Strength of Materials II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ET 2220 Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	<b>CE</b>	<b>4240</b>	<b>Strength of Materials II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ET 2220 Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>4280</b>	<b>Experimental Methods in Civil Engineering</b>	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and PHYS 2052 and CE 4000 Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	<b>CE</b>	<b>4280</b>	<b>Experimental Methods in Civil Engineering</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and PHYS 2052 and CE 4000 Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	<b>CE</b>	<b>4280</b>	<b>Experimental Methods in Civil Engineering</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and PHYS 2052 and CE 4000 Application and theory of electronic sensors to civil engineering measurements including strain gages, load cells, displacement transducers, accelerometers, and temperature measurements. Analysis of errors in measured data. Emphasis will be also placed on the preparation of laboratory reports and a project report. 3 lec.									
ENT	CE	<b>CE</b>	<b>4320</b>	<b>Structural Design in Concrete</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 2010 and 3300 Materials and properties; design methods, strength of rectangular sections subject to bending moments, axial loads, and shear forces either separately or in combination; continuity in concrete construction; design of one-way slabs; design of T sections in bending; deflection calculations, and footing design.									
ENT	CE	<b>CE</b>	<b>4330</b>	<b>Structural Design in Steel</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3300 Materials and properties; design methods, design of tension members; structural fasteners; design of compression members, beams, trusses, and frames.									
ENT	CE	<b>CE</b>	<b>4370</b>	<b>Timber Design</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3300 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>4370</b>	<b>Timber Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3300 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>4380</b>	<b>Prestressed Concrete Design</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3300 and CE 4320 Theory of prestressing. Design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	<b>CE</b>	<b>4380</b>	<b>Prestressed Concrete Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3300 and CE 4320 Theory of prestressing. Design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	<b>CE</b>	<b>4450</b>	<b>Flow Routing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3420 Gradually varied flow computation, the use of computer software programs for flow routing, and their engineering applications.									
ENT	CE	<b>CE</b>	<b>4450</b>	<b>Flow Routing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3420 Gradually varied flow computation, the use of computer software programs for flow routing, and their engineering applications.									
ENT	CE	<b>CE</b>	<b>4500</b>	<b>Water &amp; Wastewater Engineering</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3400 and CHEM 1510 Sources and collection of public water supplies; principles of water treatment processes; quantities and collection of municipal wastewater; principles of wastewater treatment processes.									
ENT	CE	<b>CE</b>	<b>4500</b>	<b>Water &amp; Wastewater Engineering</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 3400 and CHEM 1510 Sources and collection of public water supplies; principles of water treatment processes; quantities and collection of municipal wastewater; principles of wastewater treatment processes.									
ENT	CE	<b>CE</b>	<b>4530</b>	<b>Solid &amp; Hazardous Waste Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr) Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									
ENT	CE	<b>CE</b>	<b>4530</b>	<b>Solid &amp; Hazardous Waste Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr) Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation, site remediation, green chemistry.									

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ENT	CE	<b>CE</b>	<b>4540</b>	<b>Sustainable Construction</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									
ENT	CE	<b>CE</b>	<b>4540</b>	<b>Sustainable Construction</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Investigations into green building construction practices and sustainability including use of novel or recycled materials, energy management and efficiency, water use/re-use, and indoor air quality.									
ENT	CE	<b>CE</b>	<b>4570</b>	<b>Water Resources Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Elective senior civil engineering course designed to provide integrated treatment of water resources engineering, including hydrological measurements, runoff, groundwater, water law, reservoir design, frequency analysis, planning, flood control. Systems approach to multipurpose water resource projects emphasized.									
ENT	CE	<b>CE</b>	<b>4570</b>	<b>Water Resources Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Elective senior civil engineering course designed to provide integrated treatment of water resources engineering, including hydrological measurements, runoff, groundwater, water law, reservoir design, frequency analysis, planning, flood control. Systems approach to multipurpose water resource projects emphasized.									
ENT	CE	<b>CE</b>	<b>4580</b>	<b>Water Quality Engineering</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4580</b>	<b>Water Quality Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4580</b>	<b>Water Quality Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4630</b>	<b>Introduction to Highway Safety</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4640</b>	<b>Transportation Planning Fundamentals</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4680</b>	<b>Traffic Signal Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									

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ENT	CE	<b>CE</b>	<b>4710</b>	<b>Foundation Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4770</b>	<b>Rock Mechanics and Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4820</b>	<b>Paving Materials and Mixtures</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4830</b>	<b>Principles of Pavement Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>4900</b>	<b>Special Topics in Civil Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>4910</b>	<b>Senior Design- Land Development</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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	CE	4911	<b>Senior Design--Environmental/Water Resources</b> 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.	LEC	EL	3	0	3	N	U30		0
ENT	CE	CE	4911	<b>Senior Design--Environmental/Water Resources</b> 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.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4912	<b>Senior Design--Structures and Foundations</b> 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.	LEC	EL	3	0	3	N	U30		0
ENT	CE	CE	4912	<b>Senior Design--Structures and Foundations</b> 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.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4913	<b>Senior Design- Special Project</b> A-F REQUISITE: Permission required An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	LEC	EL	3	0	3	N	U30		0
ENT	CE	CE	4913	<b>Senior Design- Special Project</b> A-F REQUISITE: Permission required An advanced applied engineering course integrating several major disciplines of civil engineering in a design project.	LEC	LE	3	0	3	N	U30		0
ENT	CE	CE	4918	<b>Undergraduate Internship in CE</b> CR, 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.	FLD	FE	1	2		N	U30		0
ENT	CE	CE	4940	<b>CE Undergraduate Research Experience</b> 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.	RSC	RS	3	6		I	U30		0
ENT	CE	CE	5100	<b>Applied Boundary Surveying</b> A-F REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LAB	LB	2	0		N	G50		0
ENT	CE	CE	5100	<b>Applied Boundary Surveying</b> A-F REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LEC	EL	2	0		N	G50		0
ENT	CE	CE	5100	<b>Applied Boundary Surveying</b> A-F REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	LEC	LE	2	0		N	G50		0
ENT	CE	CE	5110	<b>Legal Principles in Boundary Location</b> 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.	LEC	EL	2	0		I	G50		0
ENT	CE	CE	5110	<b>Legal Principles in Boundary Location</b> 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.	LEC	LE	2	0		I	G50		0
ENT	CE	CE	5150	<b>Geodetic Surveying</b> A-F REQUISITE: CE 2100 Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.	LEC	EL	2	0		N	G50		0
ENT	CE	CE	5150	<b>Geodetic Surveying</b> A-F REQUISITE: CE 2100 Astronomical observations and methods used in GPS and photogrammetry to establish horizontal and vertical control for objects.	LEC	LE	2	0		N	G50		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	CE	5160	<b>Construction Estimating &amp; Equipment</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	5160	<b>Construction Estimating &amp; Equipment</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.									
ENT	CE	CE	5170	<b>Construction Planning and Scheduling</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers methods and techniques for planning and scheduling construction projects, Critical Path Method Scheduling, updating CPMs, resource allocation, work breakdown structures, cost control, schedule performance index, cost performance index, and Primavera Project Planner									
ENT	CE	CE	5170	<b>Construction Planning and Scheduling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers methods and techniques for planning and scheduling construction projects, Critical Path Method Scheduling, updating CPMs, resource allocation, work breakdown structures, cost control, schedule performance index, cost performance index, and Primavera Project Planner									
ENT	CE	CE	5190	<b>Project Development, Contracts, and Law</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	5190	<b>Project Development, Contracts, and Law</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students with the fundamentals of construction law and contracts. Topics covered include: types of construction contracts, contract changes, claim, liability, and dispute resolution. Aspects of construction administration including project funding, project cash flow, accounting systems, depreciation, and analysis of financial statements.									
ENT	CE	CE	5200	<b>Finite Element Methods in Engineering</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Background theory, formulation, and application to one- and two-dimensional problems and techniques for analysis. Structures, consolidation, and wave propagation.									
ENT	CE	CE	5200	<b>Finite Element Methods in Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Background theory, formulation, and application to one- and two-dimensional problems and techniques for analysis. Structures, consolidation, and wave propagation.									
ENT	CE	CE	5240	<b>Strength of Materials II</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 2220 or CE 222						
		COURSE DESC:		Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	CE	5240	<b>Strength of Materials II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 2220 or CE 222						
		COURSE DESC:		Unsymmetrical bending, shear centers, columns, energy, and continuation of basic topics usually taught in Strength of Materials I.									
ENT	CE	CE	5250	<b>Advanced Strength of Materials</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Advanced treatment of theories of failure, stresses, and strains at a point, cross shear, unsymmetrical bending, curved beams, torsion, thick-walled cylinders, energy methods.									
ENT	CE	CE	5250	<b>Advanced Strength of Materials</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Advanced treatment of theories of failure, stresses, and strains at a point, cross shear, unsymmetrical bending, curved beams, torsion, thick-walled cylinders, energy methods.									
ENT	CE	CE	5260	<b>Theory of Stability</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Buckling of columns, beam columns, plates, and rings.									
ENT	CE	CE	5260	<b>Theory of Stability</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Buckling of columns, beam columns, plates, and rings.									
ENT	CE	CE	5270	<b>Experimental Stress Analysis</b>	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Elasticity theory, theory and use of mechanical, electrical, and other strain-measuring devices including photoelastic equipment.									
ENT	CE	CE	5270	<b>Experimental Stress Analysis</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Elasticity theory, theory and use of mechanical, electrical, and other strain-measuring devices including photoelastic equipment.									

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ENT	CE	<b>CE</b>	<b>5280</b>	<b>Theory of Elasticity and Applications</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5280</b>	<b>Theory of Elasticity and Applications</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5350</b>	<b>Advanced Steel Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5360</b>	<b>Advanced Reinforced Concrete Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5370</b>	<b>Timber Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5380</b>	<b>Prestressed Concrete Design</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Theory of prestressing, design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	<b>CE</b>	<b>5380</b>	<b>Prestressed Concrete Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Theory of prestressing, design and analysis of prestressed concrete beams, slabs, box girders, and bridge girders by elastic and ultimate strength methods.									
ENT	CE	<b>CE</b>	<b>5400</b>	<b>Deterministic Approaches in Water Resources</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 3420 or equivalent						
		COURSE DESC:		Flood routing and overland-flow theory. Parametric hydrology, linear and nonlinear analysis of rainfall-runoff systems, unit and instantaneous unit hydrograph. Conceptual models for hydrologic watershed.									
ENT	CE	<b>CE</b>	<b>5400</b>	<b>Deterministic Approaches in Water Resources</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 3420 or equivalent						
		COURSE DESC:		Flood routing and overland-flow theory. Parametric hydrology, linear and nonlinear analysis of rainfall-runoff systems, unit and instantaneous unit hydrograph. Conceptual models for hydrologic watershed.									
ENT	CE	<b>CE</b>	<b>5410</b>	<b>Stochastic Hydrology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 3420 or equivalent						
		COURSE DESC:		Probability distributions applicable to hydrologic events; analysis of extremes, floods, and droughts; statistical associations between hydrologic variables. Analysis of hydrologic time series. Spectral and parametric formulation of stochastic models of precipitation, runoff, precipitation-runoff transfer.									

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ENT	CE	<b>CE</b>	<b>5410</b>	<b>Stochastic Hydrology</b> ELIGIBLE GRADES: A-F COURSE DESC: PROBABILITY DISTRIBUTIONS APPLICABLE TO HYDROLOGIC EVENTS; ANALYSIS OF EXTREMES, FLOODS, AND DROUGHTS; STATISTICAL ASSOCIATIONS BETWEEN HYDROLOGIC VARIABLES. ANALYSIS OF HYDROLOGIC TIME SERIES. SPECTRAL AND PARAMETRIC FORMULATION OF STOCHASTIC MODELS OF PRECIPITATION, RUNOFF, PRECIPITATION-RUNOFF TRANSFER.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5420</b>	<b>Applied Hydraulics &amp; Hydrology</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5430</b>	<b>Open Channel Hydraulics</b> ELIGIBLE GRADES: A-F COURSE DESC: PRINCIPLES OF UNIFORM AND VARIED FLOW. CHANNEL DESIGN FOR UNIFORM FLOW, GRADUALLY VARIED FLOW PROFILES, CHANNEL TRANSITIONS, HYDRAULIC JUMPS, FLOW IN PRISMATIC AND NONPRISMATIC CHANNELS.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5430</b>	<b>Open Channel Hydraulics</b> ELIGIBLE GRADES: A-F COURSE DESC: PRINCIPLES OF UNIFORM AND VARIED FLOW. CHANNEL DESIGN FOR UNIFORM FLOW, GRADUALLY VARIED FLOW PROFILES, CHANNEL TRANSITIONS, HYDRAULIC JUMPS, FLOW IN PRISMATIC AND NONPRISMATIC CHANNELS.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5450</b>	<b>Design of Hydraulic Structures</b> ELIGIBLE GRADES: A-F COURSE DESC: DESIGN FLOOD PEAKS, FLOOD HYDROGRAPH, SPILLWAY, PENSTOCK, AND RIVER CHANNEL REGULATION.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5450</b>	<b>Design of Hydraulic Structures</b> ELIGIBLE GRADES: A-F COURSE DESC: DESIGN FLOOD PEAKS, FLOOD HYDROGRAPH, SPILLWAY, PENSTOCK, AND RIVER CHANNEL REGULATION.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5530</b>	<b>Solid &amp; Hazardous Waste Management</b> ELIGIBLE GRADES: A-F COURSE DESC: IDENTIFICATION, CLASSIFICATION, AND STUDY OF METHODS OF CHARACTERIZATION, HANDLING, TREATING, MANAGING, AND DISPOSAL OF SOLID/HAZARDOUS WASTES REGULATED UNDER FEDERAL AND STATE GUIDELINES AND LEGISLATION, SITE REMEDIATION, GREEN CHEMISTRY.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5530</b>	<b>Solid &amp; Hazardous Waste Management</b> ELIGIBLE GRADES: A-F COURSE DESC: IDENTIFICATION, CLASSIFICATION, AND STUDY OF METHODS OF CHARACTERIZATION, HANDLING, TREATING, MANAGING, AND DISPOSAL OF SOLID/HAZARDOUS WASTES REGULATED UNDER FEDERAL AND STATE GUIDELINES AND LEGISLATION, SITE REMEDIATION, GREEN CHEMISTRY.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5540</b>	<b>Sustainable Construction</b> ELIGIBLE GRADES: A-F COURSE DESC: INVESTIGATIONS INTO GREEN BUILDING CONSTRUCTION PRACTICES AND SUSTAINABILITY INCLUDING USE OF NOVEL OR RECYCLED MATERIALS, ENERGY MANAGEMENT AND EFFICIENCY, WATER USE/RE-USE, AND INDOOR AIR QUALITY.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5540</b>	<b>Sustainable Construction</b> ELIGIBLE GRADES: A-F COURSE DESC: INVESTIGATIONS INTO GREEN BUILDING CONSTRUCTION PRACTICES AND SUSTAINABILITY INCLUDING USE OF NOVEL OR RECYCLED MATERIALS, ENERGY MANAGEMENT AND EFFICIENCY, WATER USE/RE-USE, AND INDOOR AIR QUALITY.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5580</b>	<b>Water Quality Engineering</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5580</b>	<b>Water Quality Engineering</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5580</b>	<b>Water Quality Engineering</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5630</b>	<b>Introduction to Highway Safety</b> ELIGIBLE GRADES: A-F COURSE DESC: ASPECTS OF HIGHWAY SAFETY; IDENTIFICATION OF HIGHWAY SAFETY PROBLEMS; DESIGN/IMPLEMENTATION/EVALUATION OF HIGHWAY SAFETY IMPROVEMENT PROJECTS AND PROGRAMS.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>5630</b>	<b>Introduction to Highway Safety</b> ELIGIBLE GRADES: A-F COURSE DESC: ASPECTS OF HIGHWAY SAFETY; IDENTIFICATION OF HIGHWAY SAFETY PROBLEMS; DESIGN/IMPLEMENTATION/EVALUATION OF HIGHWAY SAFETY IMPROVEMENT PROJECTS AND PROGRAMS.	LEC	LE	3	0		I	G50		0



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ENT	CE	<b>CE</b>	<b>5670</b>	<b>Traffic Engineering</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5670</b>	<b>Traffic Engineering</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5680</b>	<b>Traffic Signal Systems</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and (CE 3400 or concurrent) and ET 2220 and (GEOL 2830 or 283)						
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5720</b>	<b>Advanced Soil Mechanics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5750</b>	<b>Advanced Foundation Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5770</b>	<b>Rock Mechanics and Design</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>5820</b>	<b>Paving Materials and Mixtures</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5820</b>	<b>Paving Materials and Mixtures</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5830</b>	<b>Principles of Pavement Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5860</b>	<b>Theory of Plates and Shells</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>5880</b>	<b>Soil Dynamics</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>5900</b>	<b>Special Topics in Civil Engineering</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>5940</b>	<b>Special Investigations</b>	RSC	RS	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6000</b>	<b>Applied Civil Engineering Statistics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>6150</b>	<b>Heavy Construction Management</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>6160</b>	<b>Computer Aided Construction Management</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>6170</b>	<b>Design and Productivity of Construction Operations</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6180</b>	<b>Project Risk Management</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6230</b>	<b>Continuum Mechanics I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6250</b>	<b>Finite Element Methods in Mechanics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>6310</b>	<b>Structural Reliability</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>6320</b>	<b>Structural Dynamics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6330</b>	<b>Earthquake Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Nature of earthquakes, measurement of earthquake motions, effects on soils and structures, and earthquake-resistant design.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6330</b>	<b>Earthquake Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Nature of earthquakes, measurement of earthquake motions, effects on soils and structures, and earthquake-resistant design.	LEC	LE	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6340</b>	<b>Bridge Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6340</b>	<b>Bridge Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.	LEC	LE	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6345</b>	<b>Bridge Design</b> ELIGIBLE GRADES: A-F COURSE DESC: Analysis and design of bridges using various materials in accordance with AASHTO specifications.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6345</b>	<b>Bridge Design</b> ELIGIBLE GRADES: A-F COURSE DESC: Analysis and design of bridges using various materials in accordance with AASHTO specifications.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6500</b>	<b>Chemical Fate and Transport in the Environment</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6500</b>	<b>Chemical Fate and Transport in the Environment</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6530</b>	<b>Environmental Geotechnology I</b> ELIGIBLE GRADES: A-F COURSE DESC: Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.	LAB	LB	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6530</b>	<b>Environmental Geotechnology I</b> ELIGIBLE GRADES: A-F COURSE DESC: Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6550</b>	<b>Advanced Water Treatment</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.	LAB	LB	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6550</b>	<b>Advanced Water Treatment</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6560</b>	<b>Advanced Waste Water Treatment</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced study of theory. Design of biological treatment units. Practice in control methods.	LAB	LB	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6560</b>	<b>Advanced Waste Water Treatment</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced study of theory. Design of biological treatment units. Practice in control methods.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6590</b>	<b>Surface Water Quality Modeling</b> ELIGIBLE GRADES: A-F COURSE DESC: An advanced course on the fundamentals and principles that underlie the mathematical modeling techniques used to analyze the quality of surface waters.	LEC	EL	3	0		N	G50		0

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ENT	CE	<b>CE</b>	<b>6590</b>	<b>Surface Water Quality Modeling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 4500 An advanced course on the fundamentals and principles that underlie the mathematical modeling techniques used to analyze the quality of surface waters.									
ENT	CE	<b>CE</b>	<b>6610</b>	<b>Environmental Analysis Transportation Systems</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required The role of environmental assessment in transportation planning and project development is addressed.									
ENT	CE	<b>CE</b>	<b>6610</b>	<b>Environmental Analysis Transportation Systems</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamentals of route design (sight distance, horizontal and vertical alignment, superelevation), design of interchanges and intersections, access management issues, roadway elements (pavement markings and signage), and economic considerations.									
ENT	CE	<b>CE</b>	<b>6620</b>	<b>Transportation Design I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamentals of route design (sight distance, horizontal and vertical alignment, superelevation), design of interchanges and intersections, access management issues, roadway elements (pavement markings and signage), and economic considerations.									
ENT	CE	<b>CE</b>	<b>6630</b>	<b>Highway Safety and Risk Management</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Introduction to highway safety improvement program and three plus standards. Specific topics include data collection, identification of hazardous locations, crash reconstruction, countermeasures, and risk management.									
ENT	CE	<b>CE</b>	<b>6630</b>	<b>Highway Safety and Risk Management</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Introduction to highway safety improvement program and three plus standards. Specific topics include data collection, identification of hazardous locations, crash reconstruction, countermeasures, and risk management.									
ENT	CE	<b>CE</b>	<b>6640</b>	<b>Urban Transportation Planning</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Introduction to urban transportation planning. Specific topics include characteristics of urban travel, decision making models and processes, travel demand models, and transportation system impacts and analysis.									
ENT	CE	<b>CE</b>	<b>6640</b>	<b>Urban Transportation Planning</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Introduction to urban transportation planning. Specific topics include characteristics of urban travel, decision making models and processes, travel demand models, and transportation system impacts and analysis.									
ENT	CE	<b>CE</b>	<b>6650</b>	<b>Traffic Impact Studies</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6640 Trip generation, distribution, and assignment; transport behavior of individuals and households; traffic impact studies; parking studies; on-site planning; site access and off-site improvements.									
ENT	CE	<b>CE</b>	<b>6650</b>	<b>Traffic Impact Studies</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6640 Trip generation, distribution, and assignment; transport behavior of individuals and households; traffic impact studies; parking studies; on-site planning; site access and off-site improvements.									
ENT	CE	<b>CE</b>	<b>6670</b>	<b>Traffic Parameters</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Microscopic and macroscopic traffic flow fundamentals and characteristics.									
ENT	CE	<b>CE</b>	<b>6670</b>	<b>Traffic Parameters</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Microscopic and macroscopic traffic flow fundamentals and characteristics.									
ENT	CE	<b>CE</b>	<b>6680</b>	<b>Regulations, Control and Signal Design</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 5670 Research, theories, and applications of the Manual of Uniform Traffic Control Devices; Signs, Markings, Signals, and Other Traffic Control Devices.									
ENT	CE	<b>CE</b>	<b>6680</b>	<b>Regulations, Control and Signal Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 5670 Research, theories, and applications of the Manual of Uniform Traffic Control Devices; Signs, Markings, Signals, and Other Traffic Control Devices.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>6700</b>	<b>Computational Methods in Geomechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6700</b>	<b>Computational Methods in Geomechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>6840</b>	<b>Constitutive Equations</b> ELIGIBLE GRADES: A-F COURSE DESC: Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6840</b>	<b>Constitutive Equations</b> ELIGIBLE GRADES: A-F COURSE DESC: Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.	LEC	LE	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6900</b>	<b>Special Topics in Civil Engineering</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G50		0
ENT	CE	<b>CE</b>	<b>6900</b>	<b>Special Topics in Civil Engineering</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G50		0
ENT	CE	<b>CE</b>	<b>6915</b>	<b>Civil Engineering Seminar</b> ELIGIBLE GRADES: A-F COURSE DESC: Presentation on research topics by students. Typically take in final year of graduate study.	SEM	EL	1	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6915</b>	<b>Civil Engineering Seminar</b> ELIGIBLE GRADES: A-F COURSE DESC: Presentation on research topics by students. Typically take in final year of graduate study.	SEM	SE	1	0		I	G50		0
ENT	CE	<b>CE</b>	<b>6940</b>	<b>Research</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Master's level research.	RSC	RS	1 to 15	999		N	G50		0
ENT	CE	<b>CE</b>	<b>6950</b>	<b>Master's Thesis</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: Writing and defending a thesis.	THE	TH	1 to 15	999		N	G40		0
ENT	CE	<b>CE</b>	<b>7100</b>	<b>Energy and Variational Principles</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides a solid foundation in variational calculus and energy methods as applied to solid mechanics. Approximate techniques are formulated for geotechnical problems.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>7100</b>	<b>Energy and Variational Principles</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides a solid foundation in variational calculus and energy methods as applied to solid mechanics. Approximate techniques are formulated for geotechnical problems.	LEC	LE	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>7230</b>	<b>Continuum Mechanics II</b> ELIGIBLE GRADES: A-F COURSE DESC: Tensor notation and application. Global behavior of solids, liquids, or gases under the influence of external disturbances. Basic laws of physical phenomena.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7230</b>	<b>Continuum Mechanics II</b> ELIGIBLE GRADES: A-F COURSE DESC: Tensor notation and application. Global behavior of solids, liquids, or gases under the influence of external disturbances. Basic laws of physical phenomena.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7290</b>	<b>Mathematical Theory of Elasticity</b> ELIGIBLE GRADES: A-F COURSE DESC: Foundations of solid mechanics, compatibility equations, stress function, displacement potentials, finite element applications, and propagation of waves in elastic solid media.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7290</b>	<b>Mathematical Theory of Elasticity</b> ELIGIBLE GRADES: A-F COURSE DESC: Foundations of solid mechanics, compatibility equations, stress function, displacement potentials, finite element applications, and propagation of waves in elastic solid media.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7300</b>	<b>Finite Element Methods II</b> ELIGIBLE GRADES: A-F COURSE DESC: Formulation and application to two- and three-dimensional problems and techniques for analysis in fluid mechanics, elastostatics, elastodynamics, and heat conduction.	LEC	EL	3	0		N	G50		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>7300</b>	<b>Finite Element Methods II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 5200 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>7360</b>	<b>Advanced Concrete Design</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 5360 Design of connections and composite sections. Truss analogy, yield line theory and high performance concrete.									
ENT	CE	<b>CE</b>	<b>7360</b>	<b>Advanced Concrete Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 5360 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510 or ISE 5000 or 504 or 505 or 506 Stochastic theories and applications of geostatics.									
ENT	CE	<b>CE</b>	<b>7430</b>	<b>Stochastic Modeling</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 5510 or ISE 5000 or 504 or 505 or 506 Stochastic theories and applications of geostatics.									
ENT	CE	<b>CE</b>	<b>7510</b>	<b>Sludge Treatment Processes</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560 Characterization of waste sludge from primary, chemical, and biological treatment; and design of sludge treatment processes.									
ENT	CE	<b>CE</b>	<b>7510</b>	<b>Sludge Treatment Processes</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560 This comprehensive course addresses all of the important aspects of industrial waste treatment, including -- 1) environmental regulations; 2) classification, characterization, and study of industrial wastes by industrial category; 3) selection and combination of unit processes/operations for treatment; and 4) case studies.									
ENT	CE	<b>CE</b>	<b>7520</b>	<b>Industrial Waste Treatment</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6550 and 6560 This comprehensive course addresses all of the important aspects of industrial waste treatment, including -- 1) environmental regulations; 2) classification, characterization, and study of industrial wastes by industrial category; 3) selection and combination of unit processes/operations for treatment; and 4) case studies.									
ENT	CE	<b>CE</b>	<b>7530</b>	<b>Biodegradation and Bioremediation</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6500 The major biochemical pathways that are significant in the microbial conversion of xenobiotic compounds to common metabolic intermediates. Interpretation of quantification of biodegradation reactions and investigation of various physiochemical and environmental factors that impact biodegradation reactions.									
ENT	CE	<b>CE</b>	<b>7530</b>	<b>Biodegradation and Bioremediation</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6500 The major biochemical pathways that are significant in the microbial conversion of xenobiotic compounds to common metabolic intermediates. Interpretation of quantification of biodegradation reactions and investigation of various physiochemical and environmental factors that impact biodegradation reactions.									
ENT	CE	<b>CE</b>	<b>7570</b>	<b>Subsurface Remediation</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Engineering design of systems to clean up contaminated soil and water above and below the water table. Physical, biological, and chemical methods. Emphasis on state-of-the-art technologies and most appropriate technology for a given site.									
ENT	CE	<b>CE</b>	<b>7570</b>	<b>Subsurface Remediation</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Engineering design of systems to clean up contaminated soil and water above and below the water table. Physical, biological, and chemical methods. Emphasis on state-of-the-art technologies and most appropriate technology for a given site.									
ENT	CE	<b>CE</b>	<b>7630</b>	<b>Advanced Highway Safety Studies and Evaluation</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6630 Introduction to advanced highway safety studies. Specific topics include human factor relationships to safety, road safety management systems, safety data, statistical procedures, intersection studies, freeway studies, safety audit, and crash data.									
ENT	CE	<b>CE</b>	<b>7630</b>	<b>Advanced Highway Safety Studies and Evaluation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CE 6630 Introduction to advanced highway safety studies. Specific topics include human factor relationships to safety, road safety management systems, safety data, statistical procedures, intersection studies, freeway studies, safety audit, and crash data.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>7640</b>	<b>Mass Transportation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7640</b>	<b>Mass Transportation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7650</b>	<b>Airport Planning and Design</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7650</b>	<b>Airport Planning and Design</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7680</b>	<b>Advanced Traffic Signal Operations Design</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7680</b>	<b>Advanced Traffic Signal Operations Design</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7710</b>	<b>Engineering Behavior of Soils</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>7710</b>	<b>Engineering Behavior of Soils</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		I	G50		0
ENT	CE	<b>CE</b>	<b>7740</b>	<b>Experimental Soil Mechanics</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7740</b>	<b>Experimental Soil Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7740</b>	<b>Experimental Soil Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>7900</b>	<b>Special Topics in Civil Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Special topics or problems not covered by formal courses.	LEC	EL	1 to 4	4		I	G50		0
ENT	CE	<b>CE</b>	<b>7900</b>	<b>Special Topics in Civil Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Special topics or problems not covered by formal courses.	LEC	LE	1 to 4	4		I	G50		0
ENT	CE	<b>CE</b>	<b>8530</b>	<b>Environmental Geotechnology II</b> ELIGIBLE GRADES: A-F COURSE DESC: Addresses the technical and practical engineering issues of containment of wastes and restoration of contaminated and/or disturbed portions of the geoenvironment.	LEC	EL	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>8530</b>	<b>Environmental Geotechnology II</b> ELIGIBLE GRADES: A-F COURSE DESC: Addresses the technical and practical engineering issues of containment of wastes and restoration of contaminated and/or disturbed portions of the geoenvironment.	LEC	LE	3	0		N	G50		0



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ENT	CE	<b>CE</b>	<b>8620</b>	<b>Transportation Design II</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>8620</b>	<b>Transportation Design II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>8630</b>	<b>Statistical and Econometric Methods for Transportation Safety Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>8640</b>	<b>Transit Planning</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>8670</b>	<b>Traffic Flow Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>8680</b>	<b>Progressed Systems, Detection, and Control</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 5200 and 5720						
		COURSE DESC:		Beams and plates on elastic foundation, axially and laterally loaded piles, retaining walls, interface elements, and construction sequences.									
ENT	CE	<b>CE</b>	<b>8850</b>	<b>Soil-Structure Interaction</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CE 5200 and 5720						
		COURSE DESC:		Beams and plates on elastic foundation, axially and laterally loaded piles, retaining walls, interface elements, and construction sequences.									
ENT	CE	<b>CE</b>	<b>8900</b>	<b>Special Topics in Civil Engineering</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CE	<b>CE</b>	<b>8900</b>	<b>Special Topics in Civil Engineering</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	1	0		I	G50		0
		ELIGIBLE GRADES:		CR, F		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.									

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ENT	CE	<b>CE</b>	<b>8915</b>	<b>Seminar on Teaching in Civil Engineering</b>	SEM	SE	1	0		I	G50		0
		ELIGIBLE GRADES:		CR, F		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>	RSC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required					
		COURSE DESC:		Doctoral Research									
ENT	CE	<b>CE</b>	<b>8940</b>	<b>Doctoral Research</b>	RSC	RS	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required					
		COURSE DESC:		Doctoral Research									
ENT	CE	<b>CE</b>	<b>8950</b>	<b>Doctoral Dissertation</b>	THE	TH	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		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>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>5170</b>	<b>Data Mining With Applications in the Life Sciences</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Uses Perl Programming language to develop custom software tools that solve problems in the life sciences. Topics covered include the Perl programming language, processing DNA sequences and protein sequences, restriction maps, GenBank, protein data bank, parsing BLAST output, Bioperl, data pipelines, and the Entrez programming utilities.									
ENT	CHE	<b>BME</b>	<b>5170</b>	<b>Data Mining With Applications in the Life Sciences</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Uses Perl Programming language to develop custom software tools that solve problems in the life sciences. Topics covered include the Perl programming language, processing DNA sequences and protein sequences, restriction maps, GenBank, protein data bank, parsing BLAST output, Bioperl, data pipelines, and the Entrez programming utilities.									
ENT	CHE	<b>BME</b>	<b>5670</b>	<b>Engineering Biomechanics of Human Motion</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									
ENT	CHE	<b>BME</b>	<b>5670</b>	<b>Engineering Biomechanics of Human Motion</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.									
ENT	CHE	<b>BME</b>	<b>5830</b>	<b>Applied Cellular and Molecular Biology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5830</b>	<b>Applied Cellular and Molecular Biology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PBIO 5310						
		COURSE DESC:		The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	<b>BME</b>	<b>5840</b>	<b>Applied Immunology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PBIO 5310						
		COURSE DESC:		The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>BME</b>	<b>5850</b>	<b>Drug Design and Delivery</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	<b>BME</b>	<b>5900</b>	<b>Special Topics in Biomedical Engineering</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	<b>BME</b>	<b>6000</b>	<b>Seminar in Biomedical Engineering</b>	SEM	SE	1	10		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced study in a particular area of biomedical engineering not specifically covered in other courses.									
ENT	CHE	<b>BME</b>	<b>6910</b>	<b>Biomedical Engineering Internship</b>	FLD	FE	1	6		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Designed for students who want or need to do an internship as part of the MS BME program.									
ENT	CHE	<b>BME</b>	<b>6940</b>	<b>Research in Biomedical Engineering</b>	RSC	RS	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		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>	THE	TH	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Thesis research for MS in biomedical engineering.									
ENT	CHE	<b>CHE</b>	<b>1000</b>	<b>Introduction to Chemical Engineering</b>	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		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>1800</b>	<b>Approaches to Chemical Engineering Problem Solving</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	RE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>CHE</b>	<b>2000</b>	<b>Mass and Energy Balances I</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>2010</b>	<b>Mass and Energy Balances II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of ChE 2000. Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion. This course has JE status and specific instruction in technical communication will be presented.	LEC	EL	3	0	1JE	N	U30		0
ENT	CHE	<b>CHE</b>	<b>2010</b>	<b>Mass and Energy Balances II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of ChE 2000. Applications of chemistry, physics, and mathematics to the solution of mass and energy balances. Single and multiple unit systems; reactions, recycle, and bypass; single and multiphase systems; phase change operations; First Law of Thermodynamics; heats of reaction, formation, and combustion. This course has JE status and specific instruction in technical communication will be presented.	LEC	LE	3	0	1JE	N	U30		0
ENT	CHE	<b>CHE</b>	<b>2900</b>	<b>Special Topics in Chemical Engineering</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
ENT	CHE	<b>CHE</b>	<b>2900</b>	<b>Special Topics in Chemical Engineering</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.	LEC	EL	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.	LEC	LE	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.	REC	EL	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of thermodynamics to chemical engineering problems, including problems in chemical equilibrium in homogeneous and heterogeneous systems, mixtures, and pure materials.	REC	RE	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b> ELIGIBLE GRADES: A-F COURSE DESC: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.	REC	EL	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b> ELIGIBLE GRADES: A-F COURSE DESC: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.	REC	RE	3	0		N	U30		0
ENT	CHE	<b>CHE</b>	<b>3500</b>	<b>Chemical Engineering Heat Transfer</b> ELIGIBLE GRADES: A-F COURSE DESC: A study of the fundamental principles of heat transfer with applications. Conduction, convection and radiation heat transfer and heat exchanger design will be covered.	LEC	EL	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>CHE</b>	<b>3500</b>	<b>Chemical Engineering Heat Transfer</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHE 3210							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHE 3210							
		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>	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHE 3210							
		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>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	CHE 3210							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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ENT	CHE	<b>CHE</b>	<b>3800</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3210 and 3400 and 3500 and MATH 3200 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>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 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>4000</b>	<b>Chemical Engineering Professional and Ethical Issues</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 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>4110</b>	<b>Unit Operations Lab I</b>	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field . Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	<b>CHE</b>	<b>4110</b>	<b>Unit Operations Lab I</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field . Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	<b>CHE</b>	<b>4120</b>	<b>Unit Operations Lab II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 4110 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 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>	REC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 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>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 and 3800 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 Study and practice of the steps required for preliminary design of chemical processes. Process synthesis, computer flowsheeting, layout, economics and process safety are presented. Practice and assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	<b>CHE</b>	<b>4300</b>	<b>Chemical Engineering Process Design I</b>	REC	RE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 Study and practice of the steps required for preliminary design of chemical processes. Process synthesis, computer flowsheeting, layout, economics and process safety are presented. Practice and assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>CHE</b>	<b>4310</b>	<b>Chemical Engineering Process Design II</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 4200 and 4300 Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	<b>CHE</b>	<b>4310</b>	<b>Chemical Engineering Process Design II</b>	REC	RE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 4200 and 4300 Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	<b>CHE</b>	<b>4400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2300 Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.									
ENT	CHE	<b>CHE</b>	<b>4400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2300 Structure, processing, and applications of ceramics, polymers, and composites. Corrosion and degradation of materials. Electrical, thermal, optical, and magnetic properties of materials. Materials selection and design.									
ENT	CHE	<b>CHE</b>	<b>4420</b>	<b>Metallic Corrosion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in ET 2300 The primary objective is to cover the fundamental aspects of metallic corrosion and its' mitigation. Basic principles of corrosion including electrochemical foundation, influence of environment, stress, strain, and structure. Selected lab experiments.									
ENT	CHE	<b>CHE</b>	<b>4430</b>	<b>Polymer Synthesis &amp; Properties</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3210 or CHEM 4530 In depth study of polymer structure, reaction mechanics, and reaction kinetics. Presentation of polymer reactors, processing, and properties.									
ENT	CHE	<b>CHE</b>	<b>4500</b>	<b>Coal Conversion Technologies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.									
ENT	CHE	<b>CHE</b>	<b>4500</b>	<b>Coal Conversion Technologies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3600 and 3700 Introduction to coal conversion technologies. Coal classification and characterization. Description of coal chemistries and technologies including: combustion, gasification, Fischer-Tropsch synthesis, indirect and direct liquefaction. Environmental impacts and environmental controls related to coal conversion technologies will be explored.									
ENT	CHE	<b>CHE</b>	<b>4520</b>	<b>Analysis of Electrochemical Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 3210 and 3500 and CHEM 1520 Application of thermodynamics, transport phenomena, and reaction engineering to the design and understanding of electrochemical processes. Emphasis will be made in important industrial electrochemical processes such as electrolysis, batteries, and fuel cells.									
ENT	CHE	<b>CHE</b>	<b>4530</b>	<b>Alternative Fuels and Renewable Energy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.									
ENT	CHE	<b>CHE</b>	<b>4530</b>	<b>Alternative Fuels and Renewable Energy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 Global energy outlook, available energy resources, energy sustainability, and fuel conversion technologies are discussed. Alternative energy options and their utilization technologies are covered. Associated environmental issues and relevant technologies are assessed. Special emphases are placed on alternative transportation fuels, renewable energies, energy efficiencies, and clean technologies.									
ENT	CHE	<b>CHE</b>	<b>4610</b>	<b>Atmospheric Chemistry</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1520 and MATH 2301 and PHYS 2051 Fundamental chemistry of the troposphere and stratosphere. Emissions, transport, sources, and sinks of pollutants in the atmosphere. Air quality regulations and monitoring.									
ENT	CHE	<b>CHE</b>	<b>4610</b>	<b>Atmospheric Chemistry</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1520 and MATH 2301 and PHYS 2051 Fundamental chemistry of the troposphere and stratosphere. Emissions, transport, sources, and sinks of pollutants in the atmosphere. Air quality regulations and monitoring.									



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ENT	CHE	<b>CHE</b>	<b>4800</b>	<b>Biochemical Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.									
ENT	CHE	<b>CHE</b>	<b>4800</b>	<b>Biochemical Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				Studies of processes in chemical engineering that depend on biological systems. Overview of biological basics, enzyme kinetics, major metabolic pathways, cell growth characteristics, essentials of recombinant DNA technology, bioreactor design and control, and basics in bioseparation methods. One lab project is included.									
ENT	CHE	<b>CHE</b>	<b>4830</b>	<b>Applied Cellular and Molecular Biology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	<b>CHE</b>	<b>4830</b>	<b>Applied Cellular and Molecular Biology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 1140)									
				An introduction to applications of cellular and molecular biology, with an emphasis on new theories and techniques in biomedical engineering. Quantitative models involving chemical engineering principles will be studied.									
ENT	CHE	<b>CHE</b>	<b>4840</b>	<b>Applied Immunology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 or P BIO 1140									
				The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	<b>CHE</b>	<b>4840</b>	<b>Applied Immunology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1700 or P BIO 1140									
				The purpose is to expose students to concepts underlying a variety of techniques used in the broad field of immunology. Lectures will present the fundamentals of current immunological techniques, with particular emphasis in the antibody: antigen interaction. The advantages and disadvantages of different methodologies will be discussed. Students will be asked to design protocols and to read specific scientific papers that highlight the relevance of various immunological techniques.									
ENT	CHE	<b>CHE</b>	<b>4900</b>	<b>Special Topics in Chemical Engineering</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
ENT	CHE	<b>CHE</b>	<b>4900</b>	<b>Special Topics in Chemical Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
ENT	CHE	<b>CHE</b>	<b>4931</b>	<b>Independent Study - Chemical Engineering</b>	IND	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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	IS	1 to 3	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Individual or small group work under faculty guidance in research or advanced study related to energy and/or environmental topics in chemical engineering. Only three hours of Ch E 4931, 4932, 4933, or 4934 may be counted towards the Chemical engineering graduation requirements.									
ENT	CHE	<b>CHE</b>	<b>4941</b>	<b>Intercollegiate Engineering Design Competition</b>	RSC	RS	1 to 2	999		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>CHE</b>	<b>5000</b>	<b>Engineering Research Fundamentals</b>	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate status in engineering 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>5000</b>	<b>Engineering Research Fundamentals</b>	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Graduate status in engineering 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	<b>CHE</b>	<b>5012D</b>	<b>Chemical Engineering Fluid Mechanics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	<b>CHE</b>	<b>5012D</b>	<b>Chemical Engineering Fluid Mechanics</b>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									
ENT	CHE	<b>CHE</b>	<b>5012D</b>	<b>Chemical Engineering Fluid Mechanics</b>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fundamental principles of fluid flow. Transportation and metering of fluids. Navier-Stokes equations and equation of continuity. Laminar and turbulent flow and fluids in conduits and past immersed bodies. One lab project is included.									

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ENT	CHE	<b>CHE</b>	<b>5013D</b>	<b>Chemical Engineering Heat Transfer</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5015D</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5015D</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5015D</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CHE	<b>CHE</b>	<b>5016D</b>	<b>Unit Operations Lab I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of engineering analysis and statistics to the design of experiments with particular emphasis on continuous processes as typically encountered in the chemical engineering field . Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	<b>CHE</b>	<b>5017D</b>	<b>Unit Operations Lab II</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Continuation of ChE 5016D. Lab practice to illustrate principles of selected unit operations, thermodynamics, and applied kinetics; and to aid student in gaining confidence in handling of chemical engineering equipment. Development of ability to devise and conduct chemical engineering experiments with minimum supervision and to report results satisfactorily will be stressed.									
ENT	CHE	<b>CHE</b>	<b>5018D</b>	<b>Process Control and Simulation</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Involves trips to various chemical plants. Also involves the assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	<b>CHE</b>	<b>5019D</b>	<b>Chemical Engineering Process Design I</b>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Involves trips to various chemical plants. Also involves the assessment of skills from explicit and implicit prerequisite courses. Particular emphasis on Hazard and operability analysis of chemical processes and the subsequent safe operation criteria.									
ENT	CHE	<b>CHE</b>	<b>5020D</b>	<b>Chemical Engineering Process Design II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Continuation of 5019D. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	<b>CHE</b>	<b>5020D</b>	<b>Chemical Engineering Process Design II</b>	REC	RE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Continuation of 5019D. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.									
ENT	CHE	<b>CHE</b>	<b>5400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5420</b>	<b>Metallic Corrosion</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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ENT	CHE	<b>CHE</b>	<b>5430</b>	<b>Polymer Synthesis &amp; Properties</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5500</b>	<b>Coal Conversion Technologies</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of thermodyamics, transport phenomena, and reaction engineering to the design and understanding of electrochemical processes. Emphasis will be made in important industrial electrochemical processes such as electrolysis, batteries, and fuel cells.									
ENT	CHE	<b>CHE</b>	<b>5530</b>	<b>Alternative Fuels and Renewable Energy</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5530</b>	<b>Alternative Fuels and Renewable Energy</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5610</b>	<b>Atmospheric Chemistry</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5800</b>	<b>Biochemical Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	<b>CHE</b>	<b>5900</b>	<b>Special Topics in Chemical Engineering</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	CHE	<b>CHE</b>	<b>6000</b>	<b>Chemical and Biomolecular Engineering Seminar</b>	SEM	SE	1	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Special presentations by internal and external speakers.									
ENT	CHE	<b>CHE</b>	<b>6100</b>	<b>Applied Chemical Engineering Calculations</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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ENT	CHE	<b>CHE</b>	<b>6200</b>	<b>Advanced Chemical Engineering Thermodynamics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Chemical engineering processes, pure materials, and mixtures. Criteria of equilibrium for homogeneous and heterogeneous systems. Correlation and estimation of properties; thermodynamic consistency tests.									
ENT	CHE	<b>CHE</b>	<b>6300</b>	<b>Chemical Reaction Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Theoretical basis of development of heat, mass, and momentum transfer. Boundary layer theory and comparison with other theoretical and semi-theoretical approaches.									
ENT	CHE	<b>CHE</b>	<b>6900</b>	<b>Special Topics in Chemical Engineering</b>	LEC	LE	1 to 5	99		N	G50		0
		ELIGIBLE GRADES:		A-F, 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>	FLD	FE	1	4		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Graduate Status in Chemical Engineering and permission required. 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>	RSC	RS	1 to 15	99		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required Research in chemical engineering									
ENT	CHE	<b>CHE</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		Masters thesis research.									
ENT	CHE	<b>CHE</b>	<b>7100</b>	<b>Advanced Chemical Engineering Mathematics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6100 Advanced study in applied mathematics in chemical engineering. Restricted to small groups with extensive student participation required.									
ENT	CHE	<b>CHE</b>	<b>7300</b>	<b>Advanced Chemical Reaction Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6300 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 5420 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6100 and 6400 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6400 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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6100 and 6400 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHE 6400 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.									

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ENT	CHE	<b>CHE</b>	<b>7700</b>	<b>Advanced Topics in Biomedical Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 5	99		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Ph.D.-level study in a particular field of chemical engineering.									
ENT	CHE	<b>CHE</b>	<b>8940</b>	<b>Research in Chemical Engineering</b>	RSC	RS	1 to 15	99		I	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Research in chemical engineering.									
ENT	CHE	<b>CHE</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		PhD. dissertation research.									

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ENT	EECS	<b>CS</b>	<b>1400</b>	<b>Fundamentals of Computing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Intended as a stand-alone class for students who want to learn about computer programming for their use in unrelated fields. Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using one or more programming languages. JAVA taught.									
ENT	EECS	<b>CS</b>	<b>2300</b>	<b>Computer Programming in JAVA</b>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Intended as a stand-alone class for students who want to learn about computer programming for their use in unrelated fields. Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using one or more programming languages. JAVA taught.									
ENT	EECS	<b>CS</b>	<b>2400</b>	<b>Introduction to Computer Science I</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to computer science, the discipline of computing, and the programming language C++. Topics include elementary C++, computer algorithms, loops and flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading, professional societies, professionalism and ethics, pointers, dynamic memory, and dynamic arrays.									
ENT	EECS	<b>CS</b>	<b>2400</b>	<b>Introduction to Computer Science I</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to computer science, the discipline of computing, and the programming language C++. Topics include elementary C++, computer algorithms, loops and flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading, professional societies, professionalism and ethics, pointers, dynamic memory, and dynamic arrays.									
ENT	EECS	<b>CS</b>	<b>2400</b>	<b>Introduction to Computer Science I</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to computer science, the discipline of computing, and the programming language C++. Topics include elementary C++, computer algorithms, loops and flow of control, procedural abstraction, functions, streams, arrays, strings, objects and classes, polymorphism and operator overloading, professional societies, professionalism and ethics, pointers, dynamic memory, and dynamic arrays.									
ENT	EECS	<b>CS</b>	<b>2401</b>	<b>Introduction to Computer Science II</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>2650</b>	<b>Professional and Ethical Aspects of Computing</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals. Topics include privacy, information security issues, freedom of speech, intellectual property, software licensing, regulations pertaining to computing professionals, copyright, and broader issues on the impact of computers on society. Covers professional ethics and responsibilities as well as general theories of normative ethics.									



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ENT	EECS	<b>CS</b>	<b>2650</b>	<b>Professional and Ethical Aspects of Computing</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals. Topics include privacy, information security issues, freedom of speech, intellectual property, software licensing, regulations pertaining to computing professionals, copyright, and broader issues on the impact of computers on society. Covers professional ethics and responsibilities as well as general theories of normative ethics.	LEC	LE	2	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>2900</b>	<b>Special Topics in Computer Science</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
ENT	EECS	<b>CS</b>	<b>2900</b>	<b>Special Topics in Computer Science</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
ENT	EECS	<b>CS</b>	<b>2970T</b>	<b>Computer Science Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: First-year tutorial studies in computer science for HTC students only.	TUT	TU	1 to 12	12		N	U30		0
ENT	EECS	<b>CS</b>	<b>2971T</b>	<b>Computer Science Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Second-year tutorial studies in computer science for HTC students only.	TUT	TU	1 to 12	12		N	U30		0
ENT	EECS	<b>CS</b>	<b>2980T</b>	<b>Computer Science Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: First-year tutorial studies in computer science for HTC students only.	TUT	TU	1 to 12	12		N	U30		0
ENT	EECS	<b>CS</b>	<b>2981T</b>	<b>Computer Science Tutorial</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Second-year tutorial studies in computer science for HTC students only.	TUT	TU	1 to 12	12		N	U30		0
ENT	EECS	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b> ELIGIBLE GRADES: 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.	LEC	EL	4	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b> ELIGIBLE GRADES: 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.	LEC	LE	4	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b> ELIGIBLE GRADES: 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.	REC	EL	4	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b> ELIGIBLE GRADES: 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.	REC	RE	4	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>3200</b>	<b>Organization of Programming Languages</b> ELIGIBLE GRADES: A-F COURSE DESC: Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.	LEC	EL	3	0		N	U30		0
ENT	EECS	<b>CS</b>	<b>3200</b>	<b>Organization of Programming Languages</b> ELIGIBLE GRADES: A-F COURSE DESC: Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	<b>CS</b>	<b>3560</b>	<b>Software Engineering Tools and Practices</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 2401						
		COURSE DESC:		Covers current software engineering tools and practices. Topics include software architecture, integrated development environments, source code control systems, build and make systems, debuggers, static analysis tools, dynamic analysis tools, design tools, program verification, and design patterns. Experiences in multiple environments (Windows and a UNIX-based environment, i.e., MAC OS, Linux, or Solaris).									
ENT	EECS	<b>CS</b>	<b>3560</b>	<b>Software Engineering Tools and Practices</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 2401						
		COURSE DESC:		Covers current software engineering tools and practices. Topics include software architecture, integrated development environments, source code control systems, build and make systems, debuggers, static analysis tools, dynamic analysis tools, design tools, program verification, and design patterns. Experiences in multiple environments (Windows and a UNIX-based environment, i.e., MAC OS, Linux, or Solaris).									
ENT	EECS	<b>CS</b>	<b>3610</b>	<b>Data Structures</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	CS 2981T and HTC						
		COURSE DESC:		Third-year tutorial studies in computer science for HTC students only.									
ENT	EECS	<b>CS</b>	<b>3980T</b>	<b>Computer Science Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	CS 3970T and HTC						
		COURSE DESC:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 3560 and 3610						
		COURSE DESC:		Provides introduction to distributed, parallel, and web-centric computing. Introduces distributed and parallel models of computation, distributed and parallel computer architectures, multi-core designs, potential speed-up, threading, synchronization, and multi-core programming, parallel and distributed algorithms, sockets and client-server based software, web programming, accessing databases across the web, and web-security.									
ENT	EECS	<b>CS</b>	<b>4000</b>	<b>Introduction to Distributed, Parallel, and Web-Centric Computing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 3560 and 3610						
		COURSE DESC:		Provides introduction to distributed, parallel, and web-centric computing. Introduces distributed and parallel models of computation, distributed and parallel computer architectures, multi-core designs, potential speed-up, threading, synchronization, and multi-core programming, parallel and distributed algorithms, sockets and client-server based software, web programming, accessing databases across the web, and web-security.									
ENT	EECS	<b>CS</b>	<b>4040</b>	<b>Design and Analysis of Algorithms</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 3610						
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									

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ENT	EECS	<b>CS</b>	<b>4040</b>	<b>Design and Analysis of Algorithms</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3000 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>4060</b>	<b>Computation Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3000 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3200 and 3610 Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, top-down, and recursive descent strategies. Design of significant project using formal language concepts required.									
ENT	EECS	<b>CS</b>	<b>4100</b>	<b>Introduction to Formal Languages and Compilers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3200 and 3610 Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, top-down, and recursive descent strategies. Design of significant project using formal language concepts required.									
ENT	EECS	<b>CS</b>	<b>4120</b>	<b>Parallel Computing I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and 4000 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>4120</b>	<b>Parallel Computing I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and 4000 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): PBIO 4160 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>4160</b>	<b>Problem Solving with Bioinformatics Tools</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): PBIO 4160 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 or PBIO 4160 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>4170</b>	<b>Data Mining With Applications in the Life Sciences</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 or PBIO 4160 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 4170 and EE 3713 and (CS 4160 or PBIO 4160) 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.									

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ENT	EECS	<b>CS</b>	<b>4180</b>	<b>Statistical Foundation for Bioinformatics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 4170 and EE 3713 and (CS 4160 or PBIO 4160)									
				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>4250</b>	<b>Interactive Computer Graphics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and (MATH 3200 or 3210)									
				Introduces modern interactive computer graphics. Emphasizes hands-on learning through the development of several projects throughout the semester. Topics include: graphical systems and models, graphics programming, input and interaction, geometric objects and transformations lighting and shading, and discrete techniques.									
ENT	EECS	<b>CS</b>	<b>4250</b>	<b>Interactive Computer Graphics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and (MATH 3200 or 3210)									
				Introduces modern interactive computer graphics. Emphasizes hands-on learning through the development of several projects throughout the semester. Topics include: graphical systems and models, graphics programming, input and interaction, geometric objects and transformations lighting and shading, and discrete techniques.									
ENT	EECS	<b>CS</b>	<b>4420</b>	<b>Operating Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and EE 3613 and 3954 or CS 361 and EE 395A									
				In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	<b>CS</b>	<b>4420</b>	<b>Operating Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3610 and EE 3613 and 3954 or CS 361 and EE 395A									
				In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.									
ENT	EECS	<b>CS</b>	<b>4440</b>	<b>Data Communications</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 4420									
				In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	<b>CS</b>	<b>4440</b>	<b>Data Communications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 4420									
				In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	<b>CS</b>	<b>4500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3560									
				Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	<b>CS</b>	<b>4500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 3560									
				Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	<b>CS</b>	<b>4560</b>	<b>Software Design and Development I</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (CS 3560 and 3610 or CS 361 and (CS 320 or EE 352) and Sr only									
				All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	<b>CS</b>	<b>4560</b>	<b>Software Design and Development I</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (CS 3560 and 3610 or CS 361 and (CS 320 or EE 352) and Sr only									
				All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									

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ENT	EECS	<b>CS</b>	<b>4561</b>	<b>Software Design and Development II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4561</b>	<b>Software Design and Development II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4580</b>	<b>Operating Systems II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4620</b>	<b>Database Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(CS 3000 or MATH 3050) and CS 2401						
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	<b>CS</b>	<b>4800</b>	<b>Artificial Intelligence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(CS 3000 or MATH 3050) and CS 2401						
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	<b>CS</b>	<b>4900</b>	<b>Special Topics in Computer Science</b>	LEC	EL	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									

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ENT	EECS	<b>CS</b>	<b>4900</b>	<b>Special Topics in Computer Science</b>	LEC	LE	1 to 4	8		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									
ENT	EECS	<b>CS</b>	<b>4970T</b>	<b>Computer Science Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	CS 3980T and HTC						
		COURSE DESC:		Fourth-year HTC tutorial studies in computer science.									
ENT	EECS	<b>CS</b>	<b>4980T</b>	<b>Computer Science Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	CS 4970T and HTC						
		COURSE DESC:		Fourth-year HTC tutorial studies in computer science.									
ENT	EECS	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	REC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	REC	RE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discrete mathematics and its application to computer science explored. Foundational mathematical techniques used in computer science are explored in depth: propositional logic, number theory and proofs, sequences and mathematical induction, set theory, counting and combinatorics, discrete probability, functions, recursion, simple analysis of algorithms, and orderings and relations. Applications of these structures to various areas of computer science also covered.									
ENT	EECS	<b>CS</b>	<b>5040</b>	<b>Design and Analysis of Algorithms</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									
ENT	EECS	<b>CS</b>	<b>5040</b>	<b>Design and Analysis of Algorithms</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.									
ENT	EECS	<b>CS</b>	<b>5060</b>	<b>Computation Theory</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.									
ENT	EECS	<b>CS</b>	<b>5060</b>	<b>Computation Theory</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.									
ENT	EECS	<b>CS</b>	<b>5100</b>	<b>Introduction to Formal Languages and Compilers</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, top-down, and recursive descent strategies. Design of significant project using formal language concepts required.									

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ENT	EECS	<b>CS</b>	<b>5100</b>	<b>Introduction to Formal Languages and Compilers</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Practical and formal aspects of computing related to the lexical and syntactic analysis stages of compilation explored. Relationships among regular expressions, deterministic finite automata, and nondeterministic finite automata presented. Relationship between context-free grammars and pushdown automata also explored. Practical parsing algorithms examined, including bottom-up, town-down, and recursive descent strategies. Design of significant project using formal language concepts required.									
ENT	EECS	<b>CS</b>	<b>5120</b>	<b>Parallel Computing I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>5120</b>	<b>Parallel Computing I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for this course if taken after the following: P BIO 5160 Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.									
ENT	EECS	<b>CS</b>	<b>5160</b>	<b>Problem Solving with Bioinformatics Tools</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for this course if taken after the following: P BIO 5160 Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.									
ENT	EECS	<b>CS</b>	<b>5180</b>	<b>Statistical Foundation for Bioinformatics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>5180</b>	<b>Statistical Foundation for Bioinformatics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									
ENT	EECS	<b>CS</b>	<b>5200D</b>	<b>Organization of Programming Languages</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Formal definition of programming languages, including specification of syntax and semantics. Imperative, object-oriented, functional, and logic programming language paradigms discussed. Names, binding, storage allocation, type checking, and scopes in the major programming languages. Programming language design issues including data types, expressions, assignment statements, control structures, and subprograms. Runtime representation of program and data structures.									
ENT	EECS	<b>CS</b>	<b>5420</b>	<b>Operating Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5420</b>	<b>Operating Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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ENT	EECS	<b>CS</b>	<b>5440</b>	<b>Data Communications</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.									
ENT	EECS	<b>CS</b>	<b>5500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	<b>CS</b>	<b>5500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.									
ENT	EECS	<b>CS</b>	<b>5560</b>	<b>Software Design and Development I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	<b>CS</b>	<b>5560</b>	<b>Software Design and Development I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.									
ENT	EECS	<b>CS</b>	<b>5580</b>	<b>Operating Systems II</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	<b>CS</b>	<b>5580</b>	<b>Operating Systems II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.									
ENT	EECS	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	REC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									
ENT	EECS	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	REC	RE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various data structures, algorithms associated with data structures, and analysis of algorithms are explored. Topics include analysis of algorithms, dynamic arrays, tree structures, heaps, balanced trees, dictionaries, graphs and graph algorithms, and the complexity of sorting. Graph algorithms for depth first and breadth first search, shortest path, minimum cost spanning trees, and others are covered. Coverage of built in data structures and algorithms in modern programming languages included.									



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ENT	EECS	<b>CS</b>	<b>5620</b>	<b>Database Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	<b>CS</b>	<b>5620</b>	<b>Database Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces fundamental concepts in data modeling and relational database systems. Begins with entity-relationship (ER) modeling technique as a tool for conceptual database design. Relational data model and relational algebra are introduced next, followed by the SQL query language for relational databases. Functional dependencies, normalization, and relational database design algorithms are then discussed.									
ENT	EECS	<b>CS</b>	<b>5750</b>	<b>Internet Engineering</b>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	<b>CS</b>	<b>5750</b>	<b>Internet Engineering</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	<b>CS</b>	<b>5750</b>	<b>Internet Engineering</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for both this course and the following (always deduct credit for first course taken): ITS 5750 Understanding internet protocols; network cabling, hubs, and switches; configuring network routers; configuring Unix and Windows workstations; measuring and analyzing network performance; and troubleshooting.									
ENT	EECS	<b>CS</b>	<b>5800</b>	<b>Artificial Intelligence</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	<b>CS</b>	<b>5800</b>	<b>Artificial Intelligence</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Definition of heuristic versus algorithmic methods, rationale of heuristic approach, description of cognitive processes, and approaches to mathematical invention. Objectives of work in artificial intelligence, simulation of cognitive behavior, and self-organizing systems. Heuristic programming techniques including use of list processing languages. Survey of examples from representative application areas. Mind-brain problem and nature of intelligence. Class and individual projects to illustrate basic concepts.									
ENT	EECS	<b>CS</b>	<b>5900</b>	<b>Special Topics in Computer Science</b>	LEC	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									
ENT	EECS	<b>CS</b>	<b>5900</b>	<b>Special Topics in Computer Science</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special project in one of various subfields of computer science or application area studied, investigated, and/or solved by individual student or small group working in close relationship with instructor. Suitable problems might include construction of compiler for a special purpose language, perfection of software to solve some significant problem, or the study of coherent subfield of computer science. May be repeated for credit.									
ENT	EECS	<b>CS</b>	<b>6040</b>	<b>Advanced Algorithms</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Advanced topics in the design and analysis of algorithms are explored. These topics include matching and network flow algorithms, randomized algorithms, and parallel algorithms, the theory of NP-completeness, NP-hard optimization problems, polynomial-time approximation algorithms, approximation schemes, approximability and non-approximability results.									
ENT	EECS	<b>CS</b>	<b>6040</b>	<b>Advanced Algorithms</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Advanced topics in the design and analysis of algorithms are explored. These topics include matching and network flow algorithms, randomized algorithms, and parallel algorithms, the theory of NP-completeness, NP-hard optimization problems, polynomial-time approximation algorithms, approximation schemes, approximability and non-approximability results.									
ENT	EECS	<b>CS</b>	<b>6050</b>	<b>Parallel Computation Theory</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CS 5040 or 5060						
		COURSE DESC:		Topics in the theory of parallel computation explored. Topics include the PRAM model, the Boolean circuit model, uniform circuit families, parallel complexity classes, reducibility, P-completeness, and the approximation of P-complete problems.									

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COURSE LISTING  
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ENT	EECS	<b>CS</b>	<b>6050</b>	<b>Parallel Computation Theory</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5040 or 5060 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5060 Complexity of computational problems explored with respect to a variety of complexity measures. Topics include deterministic time complexity, nondeterministic time complexity, the polynomial-time hierarchy, average-case time complexity, space-bounded complexity, circuit complexity, reductions, relativizations, and parallel models of computation.									
ENT	EECS	<b>CS</b>	<b>6060</b>	<b>Computational Complexity</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5060 Complexity of computational problems explored with respect to a variety of complexity measures. Topics include deterministic time complexity, nondeterministic time complexity, the polynomial-time hierarchy, average-case time complexity, space-bounded complexity, circuit complexity, reductions, relativizations, and parallel models of computation.									
ENT	EECS	<b>CS</b>	<b>6120</b>	<b>Real Time Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6120</b>	<b>Real Time Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6150</b>	<b>Computational Genomics</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6250</b>	<b>Computer Graphics and Visualization</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6410</b>	<b>Medical Image Analysis</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800 or 6800 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>6420</b>	<b>Artificial Intelligence in Medicine</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800 or 6800 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5440 High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.									

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ENT	EECS	<b>CS</b>	<b>6440</b>	<b>Advanced Topics in Computer Networking</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5440									
				High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.									
ENT	EECS	<b>CS</b>	<b>6571</b>	<b>Software Specification</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5560									
				How software specifications are expressed and used. Emphasis on formal specifications and use of formal specifications in software verification and validation. Important formal specification models, including algebraic and axiomatic models, state/transition-based models, and temporal logic models, along with their related analysis techniques explored.									
ENT	EECS	<b>CS</b>	<b>6571</b>	<b>Software Specification</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5560									
				How software specifications are expressed and used. Emphasis on formal specifications and use of formal specifications in software verification and validation. Important formal specification models, including algebraic and axiomatic models, state/transition-based models, and temporal logic models, along with their related analysis techniques explored.									
ENT	EECS	<b>CS</b>	<b>6572</b>	<b>Software Design</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 6571									
				Advanced object oriented modeling studied. Teaches how to employ the Unified Modeling Language (UML) for advanced structural modeling, advanced behavioral modeling, and architectural modeling of software systems. Advanced structural modeling involves software components and their relationships. Concepts taught in advanced behavioral modeling pertain to hierarchical representations of external environment dependencies and interactions as well as concurrency. Also covers architectural modeling, including design patterns, collaborations, and deployment diagrams.									
ENT	EECS	<b>CS</b>	<b>6572</b>	<b>Software Design</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 6571									
				Advanced object oriented modeling studied. Teaches how to employ the Unified Modeling Language (UML) for advanced structural modeling, advanced behavioral modeling, and architectural modeling of software systems. Advanced structural modeling involves software components and their relationships. Concepts taught in advanced behavioral modeling pertain to hierarchical representations of external environment dependencies and interactions as well as concurrency. Also covers architectural modeling, including design patterns, collaborations, and deployment diagrams.									
ENT	EECS	<b>CS</b>	<b>6573</b>	<b>Software Implementation</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 6571									
				Provides the skills necessary for successful management of software engineering projects. Examines technical management techniques as well as interpersonal communication concepts. Principles taught applied to a software engineering program.									
ENT	EECS	<b>CS</b>	<b>6573</b>	<b>Software Implementation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 6571									
				Provides the skills necessary for successful management of software engineering projects. Examines technical management techniques as well as interpersonal communication concepts. Principles taught applied to a software engineering program.									
ENT	EECS	<b>CS</b>	<b>6800</b>	<b>Advanced Topics in Artificial Intelligence</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800									
				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>6800</b>	<b>Advanced Topics in Artificial Intelligence</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800									
				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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800									
				Case-based reasoning (CBR) is an artificial intelligence (AI) paradigm, in which new problems are solved by reusing the solutions to previously encountered problems. Enables students familiar with AI problem solving techniques to explore CBR in depth. Featured will be: overview of fundamentals; discussion of research projects; CBR system implementation: and student presentations.									
ENT	EECS	<b>CS</b>	<b>6820</b>	<b>Artificial Intelligence: Case-Based Reasoning</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CS 5800									
				Case-based reasoning (CBR) is an artificial intelligence (AI) paradigm, in which new problems are solved by reusing the solutions to previously encountered problems. Enables students familiar with AI problem solving techniques to explore CBR in depth. Featured will be: overview of fundamentals; discussion of research projects; CBR system implementation: and student presentations.									

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ENT	EECS	<b>CS</b>	<b>6830</b>	<b>Machine Learning</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6830</b>	<b>Machine Learning</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Natural Language Processing (NLP) is a branch of Artificial Intelligence concerned with developing computer systems that can process, understand, or communicate in natural language. Major applications of NLP include information retrieval and web search, information extraction, question answering, machine translation, sentiment analysis, text mining, and speech recognition. This graduate level course will give a fairly broad overview of NLP, with a primary focus on tasks that are widely seen as fundamental for a natural language understanding system such as part of speech tagging, syntactic parsing, word sense disambiguation, semantic role labeling, coreference resolution, and semantic parsing.									
ENT	EECS	<b>CS</b>	<b>6840</b>	<b>Natural Language Processing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Natural Language Processing (NLP) is a branch of Artificial Intelligence concerned with developing computer systems that can process, understand, or communicate in natural language. Major applications of NLP include information retrieval and web search, information extraction, question answering, machine translation, sentiment analysis, text mining, and speech recognition. This graduate level course will give a fairly broad overview of NLP, with a primary focus on tasks that are widely seen as fundamental for a natural language understanding system such as part of speech tagging, syntactic parsing, word sense disambiguation, semantic role labeling, coreference resolution, and semantic parsing.									
ENT	EECS	<b>CS</b>	<b>6850</b>	<b>Image Understanding</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Comprehensive study of image understanding and computer vision techniques. Topics include low-level image analysis methods, image formation, cameral 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>6850</b>	<b>Image Understanding</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Comprehensive study of image understanding and computer vision techniques. Topics include low-level image analysis methods, image formation, cameral 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course covers the design, implementation, and evaluation of modern information retrieval (IR) systems, such as Web search engines. It will focus on the underlying retrieval models, algorithms, and system implementations, such as vector-space and probabilistic retrieval models, as well as the PageRank algorithm used by Google. The course will also cover more advanced topics in information retrieval, including document categorization and clustering, recommender systems, collaborative filtering, and personalized search.									
ENT	EECS	<b>CS</b>	<b>6860</b>	<b>Information Retrieval and Web Search</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course covers the design, implementation, and evaluation of modern information retrieval (IR) systems, such as Web search engines. It will focus on the underlying retrieval models, algorithms, and system implementations, such as vector-space and probabilistic retrieval models, as well as the PageRank algorithm used by Google. The course will also cover more advanced topics in information retrieval, including document categorization and clustering, recommender systems, collaborative filtering, and personalized search.									
ENT	EECS	<b>CS</b>	<b>6900</b>	<b>Special Topics in Computer Science</b>	LEC	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Selected graduate level topics of current interest in computer science.									
ENT	EECS	<b>CS</b>	<b>6900</b>	<b>Special Topics in Computer Science</b>	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		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>	FLD	FE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Supervised work-related experience in government or industry									

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ENT	EECS	<b>CS</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Independent study in advanced topics of current interest in computer science.									
ENT	EECS	<b>CS</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Independent study in advanced topics of current interest in computer science.									
ENT	EECS	<b>CS</b>	<b>6940</b>	<b>Research in Computer Science</b>	RSC	RS	1 to 6	24		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research in computer science. Variable topics.									
ENT	EECS	<b>CS</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thesis research and writing in computer science.									
ENT	EECS	<b>CS</b>	<b>6980</b>	<b>Graduate Research Seminar</b>	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Research seminar for graduate students in computer science.									
ENT	EECS	<b>CS</b>	<b>6980</b>	<b>Graduate Research Seminar</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Research seminar for graduate students in computer science.									
ENT	EECS	<b>EE</b>	<b>1014</b>	<b>Introduction to Electrical Engineering</b>	LAB	LB	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1200 or above or math placement level 2 or higher						
		COURSE DESC:		Introduction to the profession of electrical engineering. Develops a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. Explores the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems. Introduction to MATLAB®.									
ENT	EECS	<b>EE</b>	<b>1014</b>	<b>Introduction to Electrical Engineering</b>	LEC	LE	4	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1200 or above or math placement level 2 or higher						
		COURSE DESC:		Introduction to the profession of electrical engineering. Develops a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. Explores the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems. Introduction to MATLAB®.									
ENT	EECS	<b>EE</b>	<b>1024</b>	<b>Introduction to Computer Engineering</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1200 or math placement level 2 or higher						
		COURSE DESC:		Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.									
ENT	EECS	<b>EE</b>	<b>1024</b>	<b>Introduction to Computer Engineering</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1200 or math placement level 2 or higher						
		COURSE DESC:		Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.									
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(EE 101 or 1014) and (MATH 2301 or concurrent)						
		COURSE DESC:		DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.									
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(EE 101 or 1014) and (MATH 2301 or concurrent)						
		COURSE DESC:		DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.									
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(EE 101 or 1014) and (MATH 2301 or concurrent)						
		COURSE DESC:		DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.									
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(EE 101 or 1014) and (MATH 2301 or concurrent)						
		COURSE DESC:		DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.									
ENT	EECS	<b>EE</b>	<b>2114</b>	<b>Circuits II</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EE 2104 and EE 2213						
		COURSE DESC:		Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	<b>EE</b>	<b>2114</b>	<b>Circuits II</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2213</b>	<b>Instrumentation Laboratory</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2213</b>	<b>Instrumentation Laboratory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2324</b>	<b>Analytical Foundations of Electrical Engineering</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2324</b>	<b>Analytical Foundations of Electrical Engineering</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2324</b>	<b>Analytical Foundations of Electrical Engineering</b>	REC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2324</b>	<b>Analytical Foundations of Electrical Engineering</b>	REC	RE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	EECS	<b>EE</b>	<b>2900</b>	<b>Special Topics in Electrical Engineering &amp; Computer Science</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	EECS	<b>EE</b>	<b>2900</b>	<b>Special Topics in Electrical Engineering &amp; Computer Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3051	<b>Basic Electrical Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Lab supplement to EE 3143. Operation of semiconductor devices, amplifier design, oscillators and digital circuits design. Not open for credit to electrical engineering majors.	LAB	LB	1	0		N	U30		0
ENT	EECS	EE	3143	<b>Basic Electrical Engineering II</b> ELIGIBLE GRADES: A-F COURSE DESC: Semiconductor devices, small signal analysis, amplifiers and oscillator circuits, pulse and digital circuits. No credit if electrical engineering major.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3214	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics.	LEC	EL	4	0		N	U30		0
ENT	EECS	EE	3214	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	3214	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics.	REC	EL	4	0		N	U30		0
ENT	EECS	EE	3214	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrostatics.	REC	RE	4	0		N	U30		0
ENT	EECS	EE	3223	<b>Electromagnetics and Materials II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.	LAB	LB	3	0		N	U30		0
ENT	EECS	EE	3223	<b>Electromagnetics and Materials II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3223	<b>Electromagnetics and Materials II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of EE 3214. Application of field theory to solution of problems from various branches of electrical engineering with emphasis upon physical interpretation. Included are relation of field theory to circuit theory, Poynting's theorem, stored energy and power flow, complex fields and power, TEM waves, uniform plane wave, boundary conditions, wave reflection and refraction in various mediums. Theory and applications of transmission lines and waveguides. Antenna theory, antenna types, and Friis transmission link equations. Theory and applications include radio frequency and light propagation.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3334	<b>Linear Signals and Systems</b> ELIGIBLE GRADES: 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.	LEC	EL	4	0		N	U30		0
ENT	EECS	EE	3334	<b>Linear Signals and Systems</b> ELIGIBLE GRADES: 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.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	3334	<b>Linear Signals and Systems</b> ELIGIBLE GRADES: 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.	REC	EL	4	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3334	<b>Linear Signals and Systems</b>	REC	RE	4	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3343	<b>Electronics I</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3343	<b>Electronics I</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3343	<b>Electronics I</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3513	<b>Digital Signals and Systems</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to discrete-time signals and systems including convolution, z-transforms and frequency response.									
ENT	EECS	EE	3513	<b>Digital Signals and Systems</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to discrete-time signals and systems including convolution, z-transforms and frequency response.									
ENT	EECS	EE	3613	<b>Computer Organization</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3613	<b>Computer Organization</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3713	<b>Applied Probability and Statistics for Electrical Engineers</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.									
ENT	EECS	EE	3713	<b>Applied Probability and Statistics for Electrical Engineers</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.									
ENT	EECS	EE	3753	<b>Introduction to Computer Networks</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	3753	<b>Introduction to Computer Networks</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	3954	<b>Microprocessors and Microcontrollers</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	LAB	LB	4	0		N	U30		0
ENT	EECS	EE	3954	<b>Microprocessors and Microcontrollers</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	LEC	LE	4	0		N	U30		0
ENT	EECS	EE	3963	<b>Electric Machines</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic principles of electromechanical machines. Circuit models and parameter tests for single-phase and 3-phase transformers. Fundamentals of DC machinery; circuit models and characteristics of DC motors. Fundamentals of AC machinery; theory and operation of synchronous machines and induction motors.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3963	<b>Electric Machines</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic principles of electromechanical machines. Circuit models and parameter tests for single-phase and 3-phase transformers. Fundamentals of DC machinery; circuit models and characteristics of DC motors. Fundamentals of AC machinery; theory and operation of synchronous machines and induction motors.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	3973	<b>Electronics II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of EE 3343. Semiconductor devices. AC-coupled amplifiers. Feedback. Differential amplifiers. Oscillators. Power devices.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	3973	<b>Electronics II</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of EE 3343. Semiconductor devices. AC-coupled amplifiers. Feedback. Differential amplifiers. Oscillators. Power devices.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4053	<b>Physical and Power Electronics</b> ELIGIBLE GRADES: A-F COURSE DESC: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4053	<b>Physical and Power Electronics</b> ELIGIBLE GRADES: A-F COURSE DESC: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4143	<b>Design of Digital Circuits</b> ELIGIBLE GRADES: A-F COURSE DESC: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.	LEC	EL	3	0		N	U30		0
ENT	EECS	EE	4143	<b>Design of Digital Circuits</b> ELIGIBLE GRADES: A-F COURSE DESC: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.	LEC	LE	3	0		N	U30		0
ENT	EECS	EE	4183	<b>Micro and Nano Fabrication</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips; novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.	LEC	EL	3	0		N	U30		0

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ENT	EECS	EE	4183	<b>Micro and Nano Fabrication</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: CHEM 151 or 1510 and PHYS 2051 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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3334 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	4213	<b>Feedback Control Theory</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3334 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	4313	<b>Optoelectronics and Photonics</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 321 or 3223 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	4313	<b>Optoelectronics and Photonics</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 321 or 3223 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>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3343 Introduction to solar cell technology, photovoltaic (PV) systems with strong focus on energy conversion, photovoltaic technology and applications. Examines basics of solar cell devices and photovoltaic systems; physical models of solar cell operation; design principles of stand alone and grid integrated PV systems; topic relevant to increasing solar cell efficiency and new concepts in PV design. To become proficient in using, operating, and designing PV systems, examples of PV systems presented and analyzed.									
ENT	EECS	EE	4323	<b>Solar Cell and Photovoltaics</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3343 Introduction to solar cell technology, photovoltaic (PV) systems with strong focus on energy conversion, photovoltaic technology and applications. Examines basics of solar cell devices and photovoltaic systems; physical models of solar cell operation; design principles of stand alone and grid integrated PV systems; topic relevant to increasing solar cell efficiency and new concepts in PV design. To become proficient in using, operating, and designing PV systems, examples of PV systems presented and analyzed.									
ENT	EECS	EE	4403	<b>Antenna and Microwave Theory</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3214 Fundamental concepts and definitions for radiating systems including parameters, current distributions, matching, polarization and their effect on antenna performance. Transmission links, linear wire, loop, aperture, and array antennas discussed.									
ENT	EECS	EE	4403	<b>Antenna and Microwave Theory</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3214 Fundamental concepts and definitions for radiating systems including parameters, current distributions, matching, polarization and their effect on antenna performance. Transmission links, linear wire, loop, aperture, and array antennas discussed.									
ENT	EECS	EE	4523	<b>Introduction to Electric Power System Engineering and Analysis</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3963 or EE 3143 Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									
ENT	EECS	EE	4523	<b>Introduction to Electric Power System Engineering and Analysis</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 3963 or EE 3143 Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	4673	<b>Embedded Systems</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.									
ENT	EECS	EE	4673	<b>Embedded Systems</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.									
ENT	EECS	EE	4683	<b>Computer Architecture</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.									
ENT	EECS	EE	4683	<b>Computer Architecture</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.									
ENT	EECS	EE	4713	<b>Communication Engineering</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.									
ENT	EECS	EE	4713	<b>Communication Engineering</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.									
ENT	EECS	EE	4853	<b>Electronic Navigation Systems</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.									
ENT	EECS	EE	4853	<b>Electronic Navigation Systems</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.									
ENT	EECS	EE	4900	<b>Special Topics in Electrical Engineering</b>	LEC	EL	1 to 6	9		I	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Selected topics of current interest in electrical engineering.									
ENT	EECS	EE	4900	<b>Special Topics in Electrical Engineering</b>	LEC	LE	1 to 6	9		I	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Selected topics of current interest in electrical engineering.									
ENT	EECS	EE	4913	<b>Programmable Logic Controllers</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.									
ENT	EECS	EE	4913	<b>Programmable Logic Controllers</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.									

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ENT	EECS	EE	4913	<b>Programmable Logic Controllers</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: EE 1024 or 3143									
				Develops proficiency in the utilization of programmable logic controllers. Topics covered include programming, architecture and applications.									
ENT	EECS	EE	4953	<b>Electrical and Computer Engineering Capstone Design I</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: 33 Hours in EE									
				Provides students the opportunity to refine and demonstrate their ability in engineering design. Major design team project developed emphasizing problem definition and specification. Preliminary design review conducted. Examines systems approach to problem solving, engineering ethics, economic analysis, and the elements of scheduling and planning.									
ENT	EECS	EE	4953	<b>Electrical and Computer Engineering Capstone Design I</b>	LEC	EL	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: 33 Hours in EE									
				Provides students the opportunity to refine and demonstrate their ability in engineering design. Major design team project developed emphasizing problem definition and specification. Preliminary design review conducted. Examines systems approach to problem solving, engineering ethics, economic analysis, and the elements of scheduling and planning.									
ENT	EECS	EE	4953	<b>Electrical and Computer Engineering Capstone Design I</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE: 33 Hours in EE									
				Provides students the opportunity to refine and demonstrate their ability in engineering design. Major design team project developed emphasizing problem definition and specification. Preliminary design review conducted. Examines systems approach to problem solving, engineering ethics, economic analysis, and the elements of scheduling and planning.									
ENT	EECS	EE	4963	<b>Electrical and Computer Engineering Capstone Design II</b>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Continuation of team design project begun in EE 4953 with an emphasis on construction, pre-testing, and redesign; then ultimately final design assembly, testing, and analysis of outcomes. Critical design and formal design reviews conducted. Exposure to a variety of career options. Examine and develop skills necessary for a successful engineering career.									
ENT	EECS	EE	4963	<b>Electrical and Computer Engineering Capstone Design II</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Continuation of team design project begun in EE 4953 with an emphasis on construction, pre-testing, and redesign; then ultimately final design assembly, testing, and analysis of outcomes. Critical design and formal design reviews conducted. Exposure to a variety of career options. Examine and develop skills necessary for a successful engineering career.									
ENT	EECS	EE	5003	<b>Computational Tools for Engineers</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Provides an introduction to computational tools used extensively throughout graduate study in engineering. Topics include array manipulation, matrix computations, computer graphics, and symbolic manipulation. Also covered are programming language constructs and advanced data types. In addition, the course introduces computer-based modeling, simulation, and analysis of dynamic systems. Course concepts are applied to graduate-level engineering problem solving.									
ENT	EECS	EE	5003	<b>Computational Tools for Engineers</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Provides an introduction to computational tools used extensively throughout graduate study in engineering. Topics include array manipulation, matrix computations, computer graphics, and symbolic manipulation. Also covered are programming language constructs and advanced data types. In addition, the course introduces computer-based modeling, simulation, and analysis of dynamic systems. Course concepts are applied to graduate-level engineering problem solving.									
ENT	EECS	EE	5053	<b>Physical and Power Electronics</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.									
ENT	EECS	EE	5053	<b>Physical and Power Electronics</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.									
ENT	EECS	EE	5143	<b>Design of Digital Circuits</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: REQUISITE:									
				Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.									

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ENT	EECS	EE	5143	<b>Design of Digital Circuits</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Digital design of microelectronic circuits, simulation, verification, and specification. Structural design concepts, design tools. VHDL language, data types, objects, operators, control statements, concurrent statements, functions, and procedures. VHDL modeling techniques, algorithmic, RTL, and gate level designs. Introduction to very large scale integration (VLSI) technology and design of CMOS integrated circuits. VLSI fabrication process, design rules, logic design, performance estimation, chip engineering, and computer aids to VLSI design. Emphasis on virtual prototyping, circuit design, optimization, verification, and testing. Design synthesis.									
ENT	EECS	EE	5183	<b>Micro and Nano Fabrication</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.									
ENT	EECS	EE	5183	<b>Micro and Nano Fabrication</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Basic steps of fabrication used in the manufacturing of micro and nanoscale electronic devices. Si BiCMOS technology to be relevant to industry applications, while novel fabrication tools and processes used in the nanoscale engineering also included. Nanotechnology materials, devices and technologies that serve computing, communication and medical applications. Example applications chosen from CMOS chips, novel nanomaterials, MEMS/NEMS, photonics, and biomedical engineering.									
ENT	EECS	EE	5213	<b>Feedback Control Theory</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.									
ENT	EECS	EE	5213	<b>Feedback Control Theory</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.									
ENT	EECS	EE	5313	<b>Optoelectronics and Photonics</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.									
ENT	EECS	EE	5313	<b>Optoelectronics and Photonics</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.									
ENT	EECS	EE	5403	<b>Microwave Theory and Devices</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: 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	5403	<b>Microwave Theory and Devices</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: 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>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									
ENT	EECS	EE	5523	<b>Introduction to Electric Power System Engineering and Analysis</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	5673	<b>Embedded Systems</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5673	<b>Embedded Systems</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction and history of embedded systems; defining embedded system using requirements; embedded system processors including microcontrollers, low-power microprocessors, digital signal processors and Field Programmable Gate Arrays (FPGA); distributed embedded systems; timing aspects of embedded systems; real-time operation and real-time operating systems as applied to embedded systems; the economy of embedded systems; fault tolerance; communication protocols overview and more detailed description of the Controller Area Network (CAN) and Time-Triggered Protocol (TTP) as well as some wireless networks used in wireless sensor networks; defining interfaces and the use of mixed-signal systems (digital and analog); design methodologies and tools.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5683	<b>Computer Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5683	<b>Computer Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on the design of advanced architectural concepts for multicores; performance trade-offs for multicores, advanced pipelining, superscalar and dynamic scheduling, limits of instruction level parallelism, multithreading and multicores, multi-level caching, virtual memory, I/O fundamentals and techniques, classification of parallel machines, shared memory multiprocessors, cache coherence, interconnection networks and clusters. Term paper/project involving computer hardware design and system simulation required.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5713	<b>Communication Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5713	<b>Communication Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Fundamentals of communication system engineering, at the physical layer. Resources available for communication system design. Probability and stochastic processes for communication systems, including noise. Analog communication systems and their performance. Baseband digital communications, carrier modulated digital communications. Basic link budget analysis.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5853	<b>Electronic Navigation Systems</b> ELIGIBLE GRADES: A-F COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	5853	<b>Electronic Navigation Systems</b> ELIGIBLE GRADES: A-F COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, Omega, LORAN, ILS, MLS, Transit, GPS, and air traffic control.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	5900	<b>Special Topics in Electrical Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected topics of current interest in electrical engineering.	LEC	EL	1 to 6	9		N	G50		0
ENT	EECS	EE	5900	<b>Special Topics in Electrical Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected topics of current interest in electrical engineering.	LEC	LE	1 to 6	9		N	G50		0
ENT	EECS	EE	6013	<b>Electromagnetic Wave Propagation in Electronic Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0

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ENT	EECS	EE	6013	<b>Electromagnetic Wave Propagation in Electronic Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6023	<b>Radar Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6023	<b>Radar Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6033	<b>Inertial Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6033	<b>Inertial Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6053	<b>Satellite-Based Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6053	<b>Satellite-Based Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6063	<b>Integrated Navigation Systems</b> ELIGIBLE GRADES: A-F COURSE DESC: Theoretical development of positioning and navigation with multiple sensors; basics of estimation theory; classical versus Bayesian estimators; complementary filters, least squares estimators, Kalman filters and particle filters used for navigation purposes; application examples including GPS/INS integration and integration of INS with electro-optical sensors; fault detection and isolation.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6073	<b>Navigation Receiver Design</b> ELIGIBLE GRADES: A-F 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®.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6073	<b>Navigation Receiver Design</b> ELIGIBLE GRADES: A-F 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®.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6083	<b>Aviation Standards, Software Design and certification</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6103	<b>Aerospace Controls</b> ELIGIBLE GRADES: A-F COURSE DESC: Theory of controls for aerospace applications. Topics include: state-space models, coordinate systems and transformations, Euler angles, quaternions, continuous and discrete feedback systems, Bode plots, aircraft control, aerodynamics, flight path reconstruction, update rate, latency, stability.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6133	<b>High Accuracy Satellite Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6133	<b>High Accuracy Satellite Navigation Systems</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6153	<b>VLSI Systems Design</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	3	4		N	G50		0
ENT	EECS	EE	6153	<b>VLSI Systems Design</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	4		N	G50		0
ENT	EECS	EE	6163	<b>Computer Aided Analysis of Electronic Networks</b> ELIGIBLE GRADES: A-F COURSE DESC: Efficient numerical techniques for analysis of electronic circuits. Conveys a knowledge of advanced concepts of analog circuit simulation and design techniques. Emphasis on topics related to numerical analysis methods useful for the analog and mixed signal designs. General formulation techniques, sensitivity analysis, large change sensitivities, numerical Laplace transform inversion, solution of nonlinear networks, and circuit optimization discussed. Computer assignments completed using any computer language (C++, Pascal, Fortran) or simulation tool MATLAB®, MathCad, Mathematica).	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6163	<b>Computer Aided Analysis of Electronic Networks</b> ELIGIBLE GRADES: A-F COURSE DESC: Efficient numerical techniques for analysis of electronic circuits. Conveys a knowledge of advanced concepts of analog circuit simulation and design techniques. Emphasis on topics related to numerical analysis methods useful for the analog and mixed signal designs. General formulation techniques, sensitivity analysis, large change sensitivities, numerical Laplace transform inversion, solution of nonlinear networks, and circuit optimization discussed. Computer assignments completed using any computer language (C++, Pascal, Fortran) or simulation tool MATLAB®, MathCad, Mathematica).	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6173	<b>Fault Testable Design</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic concepts of reliability. Physical faults and testing. Test generation for combinational and sequential logic circuits, random testing, and signature analysis. Fault tolerance and circuit redundancy, self testing and fail-safe design, fault tolerant VLSI design, practical fault tolerant systems. Self testing, design for testability, built-in test, boundary scan testing, IEEE standards.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6183	<b>Nanoelectronic Devices and Applications</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces fundamental and advanced concepts required for the understanding of electronic and ionic transport in micro and nanoscale devices. Reviews theory elements such as effective mass, band structure, electrostatics, screening, low and high-field transport, and scattering. Explores novel design tools and numerical techniques used for simulation of practical devices. Examines more closely the structure, operation, design principles, advantages and disadvantages, applications and future prospects for a wide range of traditional (diodes, MOSFETs, bipolar transistors etc.) and advanced (MODFETs, HBTs, nanowire and nanotube transistors, single-electron transistors, memristors, graphene devices, plasmonic devices, bio-molecular devices). On an orthogonal direction, surveys a number of critical technology fronts that many of devices reviewed may play an important role (ultra-low or high-power applications, high-performance solar devices, flexible electronics, THz devices and bio-nano sensors).	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6233	<b>Nonlinear System Analysis I</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to nonlinear dynamical systems analysis: nonlinear dynamical system models, second-order nonlinear behaviors by phase plane analysis, including multiple equilibria, qualitative behaviors near equilibrium points, limit cycles and bifurcation; demonstration of chaotic behaviors by simulation; existence, uniqueness and sensitivity of solutions; Lyapunov stability and its assessment; input-output stability.	LEC	EL	3	0		N	G50		0



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	6233	<b>Nonlinear System Analysis I</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to nonlinear dynamical systems analysis: nonlinear dynamical system models, second-order nonlinear behaviors by phase plane analysis, including multiple equilibria, qualitative behaviors near equilibrium points, limit cycles and bifurcation; demonstration of chaotic behaviors by simulation; existence, uniqueness and sensitivity of solutions; Lyapunov stability and its assessment; input-output stability.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6283	<b>State-Space Methods in Control</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to state-space methods for control system analysis and design. Topics include basic state-space concepts, writing state equations, solution of the state equation and the matrix exponential, relations to transfer functions, controllability and observability, stability, state-space methods of design including state feedback, state estimation, servomechanisms and an introduction to optimal control.	LEC	EL	3	0		N	G50		0
ENT	EECS	EE	6283	<b>State-Space Methods in Control</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to state-space methods for control system analysis and design. Topics include basic state-space concepts, writing state equations, solution of the state equation and the matrix exponential, relations to transfer functions, controllability and observability, stability, state-space methods of design including state feedback, state estimation, servomechanisms and an introduction to optimal control.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6323	<b>Theoretical and practical analysis of passive and active photonic devices in integrated technologies</b> ELIGIBLE GRADES: A-F COURSE DESC: Students taking this course must have had undergraduate courses in electromagnetic wave theory, differential equations, and vector calculus. This course is designed as an introduction to the basics elements of integrated optical devices. In the first part, we focus on the development of optical waveguides and investigate the utilization of these structures in passive photonic circuits. Critical properties such as waveguide loss, mode coupling, material loss, power flow, anti-guiding, coupling to optical fibers, and device fabrication will all be covered. In addition, to get a better understanding of the operation of these circuits, students will be required to simulate many of these structures using MatLab throughout the course. In the second part of the course, we extend this analysis to active devices. Modulation of the optical field through acousto-optic and electro-optic effects is studied, as well as the current technology of these structures. Light emitting devices are presented, focusing on the operation and theory of light emitting diodes (LEDs) and semiconductor lasers. The detection of light is presented with an analysis of semiconductor integrated detectors. Finally, recent progresses in integrated optics and novel concepts are studied to motivate research in these areas.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6333	<b>Integrated Optoelectronics and Photonics</b> ELIGIBLE GRADES: A-F COURSE DESC: Selected topics in engineering and operation of optoelectronic and integrated photonic devices and systems. Topics Include: epitaxial growth techniques relevant to strained and polar hetero-structures, recombination and carriers statistics, defects, lattice vibration, phonons, low dimensional structures, excitons, light propagation in anisotropic media, electro-optic effect, quantum confined Stark effect, magneto-optic effects. Selected advanced concepts in semiconductor bandstructure. Advanced device structure and modeling of LEDs, LDs, and light detectors. Selected topics in integrated optoelectronic and photonics.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6343	<b>Modern Optical Materials and Devices</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides introduction and overview of modern materials used in optics and optoelectronics including semiconductors and meta-materials. Topics extend from materials science to engineering of optoelectronic and photonic devices. Emphasis on understanding fundamentals relevant to applications in integrated optical systems combining optical emission and detection from the IR through the visible to the UV, linear and nonlinear optical phenomena, dynamics of optical processes, magneto- and electro- optics, high-excitation effects. Well established photonic and optoelectronic devices, plus novel device approaches based on the latest technological developments explored.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6413	<b>Advanced Antenna Theory</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6473	<b>Computational Methods in Electromagnetics</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6523	<b>Design and Control of Manufacturing Systems</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
ENT	EECS	EE	6633	<b>Architecture of Parallel Computers</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of advanced superscalar and multithreaded architectures, cache hierarchies and shared memory architectures for multicores.	LEC	EL	3	0		N	G50		0

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ENT	EECS	EE	6633	<b>Architecture of Parallel Computers</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Study of advanced superscalar and multithreaded architectures, cache hierarchies and shared memory architectures for multicores.									
ENT	EECS	EE	6643	<b>Digital Image Processing</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6653	<b>Computer Vision</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Image sensing and representation, perspective projection, image analysis, visual pattern recognition, image filtering and registration, image enhancement, color perception, texture analysis and Julesz's conjector, content-based image retrieval, motion from 2D image and video sequences, image segmentation, shape from shading, matching in 2D, depth from 2D images, object pose estimation, scene models and matching, stereo and 3D vision, virtual and mixed realities, human biometrics, active and passive scene scanning, robot guidance and surveillance.									
ENT	EECS	EE	6663	<b>Pattern Recognition</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6673	<b>Interconnection Networks for High-Performance Computing Systems</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6673	<b>Interconnection Networks for High-Performance Computing Systems</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6713	<b>Digital Signal Processing</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6723	<b>Digital Communications</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6733	<b>Advanced Topics in Signal Processing</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	6743	<b>Information Theory</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				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.									
ENT	EECS	EE	6863	<b>Advanced Electronic Navigation Systems</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Continuation of EE 5853. Focuses on current and future avionics systems and aircraft electronics. Design and signal processing in navigation receivers.									
ENT	EECS	EE	6900	<b>Special Topics in Electrical Engineering</b>	LEC	EL	1 to 3	6		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Selected topics of current interest in electrical engineering and computer science.									

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ENT	EECS	EE	6900	<b>Special Topics in Electrical Engineering</b>	LEC	LE	1 to 3	6		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Selected topics of current interest in electrical engineering and computer science.									
ENT	EECS	EE	6910	<b>Graduate Internship in Electrical Engineering</b>	FLD	FE	1 to 6	6		N	G50		0
				ELIGIBLE GRADES: CR, F									
				COURSE DESC: Supervised work-related experience in government or industry.									
ENT	EECS	EE	6930	<b>Independent Study</b>	IND	IS	1 to 3	3		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Independent study in advanced topics of current interest in electrical engineering.									
ENT	EECS	EE	6940	<b>MS Research</b>	RSC	RS	1 to 6	20		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: Research related to student thesis, project, or paper.									
ENT	EECS	EE	6943	<b>MS Project Report</b>	STU	ST	1 to 3	9		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: MS project report.									
ENT	EECS	EE	6950	<b>Thesis</b>	THE	TH	1 to 9	99		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: MS thesis.									
ENT	EECS	EE	6981	<b>Graduate Research Seminar</b>	SEM	SE	1	2		N	G50		0
				ELIGIBLE GRADES: CR, F									
				COURSE DESC: Seminar content varies. Guest speakers, plus student presentations.									
ENT	EECS	EE	7123	<b>Automata Theory</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamental concepts of abstract algebra/finite state automata/Galois fields, sequential machines, decomposition of sequential machines, measurement/control and identification of sequential machines, regular expressions and machine specification, vector spaces/linear transforms and matrices, linear sequential machines, Turing machines, artificial languages, random sequences, random processes in sequential machines, support vector machines, NN's, hierarchical spatio-temporal memories, syntactic/structural pattern recognition, biological computing.									
ENT	EECS	EE	7123	<b>Automata Theory</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Fundamental concepts of abstract algebra/finite state automata/Galois fields, sequential machines, decomposition of sequential machines, measurement/control and identification of sequential machines, regular expressions and machine specification, vector spaces/linear transforms and matrices, linear sequential machines, Turing machines, artificial languages, random sequences, random processes in sequential machines, support vector machines, NN's, hierarchical spatio-temporal memories, syntactic/structural pattern recognition, biological computing.									
ENT	EECS	EE	7153	<b>VLSI Design of Neural Networks</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: VLSI implementation of neural networks. Multilayered neural networks. Self organizing nets for pattern recognition. Integrated circuit synaptic connections. Active building blocks of the neural networks. Circuits for arithmetic functions. Analog multipliers and convolution circuits. Associative memory implementation. Optical motion sensor. Electronic neural processors.									
ENT	EECS	EE	7183	<b>Reinforcement Learning</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: This course will provide a comprehensive introduction to reinforcement learning as an approach to artificial intelligence, emphasizing the design of complete agents interacting with stochastic, incompletely known environments. Reinforcement learning has adapted key ideas from machine learning, operations research, psychology, and neuroscience to produce some strikingly successful engineering applications. The focus is on algorithms for learning what actions to take, and when to take them, so as to optimize long-term performance. This may involve sacrificing immediate reward to obtain greater reward in the long-term or just to obtain more information about the environment. The course will cover Markov decision processes, dynamic programming, temporal-difference learning, Monte Carlo reinforcement learning methods, eligibility traces, the role of function approximation, and the integration of learning and planning. The course will emphasize the development of intuition relating the mathematical theory of reinforcement learning to the design of human-level artificial intelligence.									

"Reinforcement learning is learning what to do---how to map situations to actions---so as to maximize a numerical reward signal. The learner is not told which actions to take, as in most forms of machine learning, but instead must discover which actions yield the most reward by trying them. In the most interesting and challenging cases, actions may affect not only the immediate reward, but also the next situation and, through that, all subsequent rewards. These two characteristics---trial-and-error search and delayed reward---are the two most important distinguishing features of reinforcement learning."

This course will prepare you to study computational principles and hardware organization of what we mean by intelligence and goal-directed behavior. How to motivate machine to act on its own, yet to satisfy a desired objective? How machine interaction with environment leads to better behavior, better understanding, and success in its mission? What are the computational issues in doing this efficiently and in real time?

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ENT	EECS	EE	7213	<b>Cognitive Neuroscience and Embodied Intelligence</b>	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
				Cognitive neuroscience focuses on understanding how the brain embodies the mind, using biologically inspired models made of neuron-like processing components. This subject lies at a cross-section of neuroscience and cognitive psychology, and involves developing models that illustrate brain functions, observed cognitive phenomena and their behavioral manifestations. These models are used to develop embodied agents that interact with the environment through a physical body that is able to perceive and act on the environment.									
ENT	EECS	EE	7213	<b>Cognitive Neuroscience and Embodied Intelligence</b>	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
				Cognitive neuroscience focuses on understanding how the brain embodies the mind, using biologically inspired models made of neuron-like processing components. This subject lies at a cross-section of neuroscience and cognitive psychology, and involves developing models that illustrate brain functions, observed cognitive phenomena and their behavioral manifestations. These models are used to develop embodied agents that interact with the environment through a physical body that is able to perceive and act on the environment.									
ENT	EECS	EE	7213	<b>Cognitive Neuroscience and Embodied Intelligence</b>	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.									
				The emphasis in this course is on the development of the concept of self-organizing, learning neural systems with locally interconnected processing components (neurons and minicolumns). Neural-net implementations of pattern recognition algorithms provide important, practical advantages by allowing fast realization of parallel, iterative procedures. Self-organizing neural networks that implement associative spatio-temporal memories, statistical self-organization and learning, goal creation and goal oriented development of the memory structures will be discussed. An example self-organizing neural system simulating biological systems will be examined.									
				Cognitive neuroscience focuses on understanding how the brain embodies the mind, using biologically inspired models made of neuron-like processing components. This subject lies at a cross-section of neuroscience and cognitive psychology, and involves developing models that illustrate brain functions, observed cognitive phenomena and their behavioral manifestations. These models are used to develop embodied agents that interact with the environment through a physical body that is able to perceive and act on the environment.									
ENT	EECS	EE	7233	<b>Nonlinear System Analysis II</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F COURSE DESC: 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.									
				REQUISITE: EE 6233 or 623									
ENT	EECS	EE	7233	<b>Nonlinear System Analysis II</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F COURSE DESC: 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.									
				REQUISITE: EE 6233 or 623									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	EE	7733	<b>Time Frequency Analysis and Wavelet Signal Processing and Applications</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7743	<b>Mobile Communications</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7803	<b>CDMA and Spread Spectrum Communications</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7913	<b>Advanced Digital Control Systems</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7913	<b>Advanced Digital Control Systems</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7953	<b>Advanced Probability and Stochastic Processes for Communications</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7963	<b>Advanced State Variable Methods in Control</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7973	<b>Linear Optimal Control</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	7973	<b>Linear Optimal Control</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									
ENT	EECS	EE	8233	<b>Nonlinear Control System Design</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: 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									

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ENT	EECS	<b>EE</b>	<b>8233</b>	<b>Nonlinear Control System Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EE 6233						
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	<b>EE</b>	<b>8233</b>	<b>Nonlinear Control System Design</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EE 6233						
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	<b>EE</b>	<b>8233</b>	<b>Nonlinear Control System Design</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EE 6233						
		COURSE DESC:		Advanced controller and observer design techniques for nonlinear systems: gain-scheduling, trajectory linearization, feedback linearization, and selected topics such as sliding mode, back-stepping, passivity-based, adaptive and intelligent control techniques									
ENT	EECS	<b>EE</b>	<b>8900</b>	<b>Special Topics in Electrical Engineering</b>	LEC	EL	3	6		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Current developments in electrical engineering. Selected topics offered at instructor discretion.									
ENT	EECS	<b>EE</b>	<b>8900</b>	<b>Special Topics in Electrical Engineering</b>	LEC	LE	3	6		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Current developments in electrical engineering. Selected topics offered at instructor discretion.									
ENT	EECS	<b>EE</b>	<b>8940</b>	<b>Doctoral Research</b>	RSC	RS	1 to 9	40		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Doctoral research.									
ENT	EECS	<b>EE</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 9	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Doctoral dissertation research and writing.									

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ENT	ENT	ET	1060	<b>Engineering Orientation</b> ELIGIBLE GRADES: CR, F COURSE DESC: Introduction to the Russ College and exploration of the ways engineers and technologists interact with society.	LEC	LE	1	0		N	U30		0
ENT	ENT	ET	1100	<b>Engineering Graphics Fundamentals</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic theory and practice in engineering drawing. Topics include geometric construction, orthographic projection, dimensioning, and auxiliary, section, and pictorial views. Lab activities include free-hand sketching and computer-aided design (CAD) using AutoCAD and SolidEdge software.	LAB	LB	2	0		N	U30		0
ENT	ENT	ET	1100	<b>Engineering Graphics Fundamentals</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic theory and practice in engineering drawing. Topics include geometric construction, orthographic projection, dimensioning, and auxiliary, section, and pictorial views. Lab activities include free-hand sketching and computer-aided design (CAD) using AutoCAD and SolidEdge software.	LEC	LE	2	0		N	U30		0
ENT	ENT	ET	1500	<b>Engineering and Technology: Career Orientation</b> ELIGIBLE GRADES: CR, F COURSE DESC: Introduces students to important theories, concepts, and skills related to conducting an effective career search for co-op and full-time positions. In this course, career-related issues are discussed, and students complete assignments that relate to the main course topics.	LEC	EL	.5	0		N	U30		0
ENT	ENT	ET	1500	<b>Engineering and Technology: Career Orientation</b> ELIGIBLE GRADES: CR, F COURSE DESC: Introduces students to important theories, concepts, and skills related to conducting an effective career search for co-op and full-time positions. In this course, career-related issues are discussed, and students complete assignments that relate to the main course topics.	LEC	LE	.5	0		N	U30		0
ENT	ENT	ET	1910	<b>Cooperative Education Field Experience I</b> ELIGIBLE GRADES: 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.	FLD	FE	1	10		N	U30		0
ENT	ENT	ET	2100	<b>Programming in C</b> ELIGIBLE GRADES: A-F COURSE DESC: A first course for students with no programming background who intend to continue with more advanced programming classes. Basic programming and programming structure, computer organization, data representation, control structures, manipulation of strings, arrays, structures, and pointers. Computer solutions to a variety of problems using the C programming language. Debugging and verification techniques.	LAB	LB	4	0		N	U10		0
ENT	ENT	ET	2100	<b>Programming in C</b> ELIGIBLE GRADES: A-F COURSE DESC: A first course for students with no programming background who intend to continue with more advanced programming classes. Basic programming and programming structure, computer organization, data representation, control structures, manipulation of strings, arrays, structures, and pointers. Computer solutions to a variety of problems using the C programming language. Debugging and verification techniques.	LEC	LE	4	0		N	U10		0
ENT	ENT	ET	2200	<b>Statics</b> ELIGIBLE GRADES: A-F COURSE DESC: Laws of equilibrium of forces, friction, centroids, and moment of inertia.	LEC	LE	3	0		N	U30		0
ENT	ENT	ET	2220	<b>Strength of Materials</b> ELIGIBLE GRADES: A-F COURSE DESC: Simple stresses and strains, bending, torsion, beam deflection, columns, and combined stresses.	LEC	LE	3	0		N	U30		0
ENT	ENT	ET	2240	<b>Dynamics</b> ELIGIBLE GRADES: A-F COURSE DESC: Motion of particles and rigid bodies, work and energy, impulse and momentum.	LEC	LE	3	0		N	U30		0
ENT	ENT	ET	2300	<b>Principles of Engineering Materials</b> ELIGIBLE GRADES: A-F COURSE DESC: Fundamental principles underlying behavior of engineering materials. Relationship between structure and properties of ceramic, metallic, and polymeric materials.	LEC	LE	3	0	2AS	N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	ET	2800	<b>Engineering and Technology - Overview</b> ELIGIBLE GRADES: A-F COURSE DESC: Intended for students of all majors; non-Engineering Technology students are encouraged. Provides an overview of engineering and technology, to place the profession in a historical context, to examine the views of supporters and detractors, to examine moral and ethical issues associated with the profession in society, and to develop an appreciation for the manner in which engineering and technological work is conducted. Emphasizes a "problem-solving" approach to questions of all kinds, but more specifically to technological ones.	LEC	LE	3	0	2AS	N	U10		0
ENT	ENT	ET	2900	<b>Special Topics in Engineering Technology</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
ENT	ENT	ET	2900	<b>Special Topics in Engineering Technology</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
ENT	ENT	ET	2910	<b>Cooperative Education Field Experience II</b> ELIGIBLE GRADES: 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.	FLD	FE	1	10		N	U30		0
ENT	ENT	ET	3132	<b>Basic Electrical Engineering I</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	U30		0
ENT	ENT	ET	3200	<b>Engineering Thermodynamics</b> ELIGIBLE GRADES: A-F COURSE DESC: Application of thermodynamics to engineering problems, including the first and second laws of thermodynamics.	LEC	LE	3	0		N	U30		0
ENT	ENT	ET	3300	<b>Engineering Economy</b> ELIGIBLE GRADES: 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.	LEC	LE	2	0		N	U30		0
ENT	ENT	ET	3400	<b>Fuels Conversion</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0		N	U30		0
ENT	ENT	ET	3400	<b>Fuels Conversion</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	U30		0
ENT	ENT	ET	3800J	<b>Engineering and Technology Public Policy</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0	1J	N	U30		0
ENT	ENT	ET	3910	<b>Cooperative Education Field Experience III</b> ELIGIBLE GRADES: 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.	FLD	FE	1	10		N	U30		0
ENT	ENT	ET	4000	<b>Professional Engineering Fundamentals Review</b> ELIGIBLE GRADES: CR, F COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.	LEC	EL	1	0		N	U30		0
ENT	ENT	ET	4000	<b>Professional Engineering Fundamentals Review</b> ELIGIBLE GRADES: CR, F COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.	LEC	LE	1	0		N	U30		0



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ENT	ENT	ET	4000	<b>Professional Engineering Fundamentals Review</b>	REC	EL	1	0		N	U30		0
				ELIGIBLE GRADES: CR, F REQUISITE: Sr only 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>	REC	RE	1	0		N	U30		0
				ELIGIBLE GRADES: CR, F REQUISITE: Sr only 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>	LEC	EL	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Jr only COURSE DESC: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	4520	<b>Appropriate Technology in Developing Countries</b>	LEC	LE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Jr only COURSE DESC: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	ET	4521	<b>Engineering and Technology Projects in Developing Countries: Design</b>	LEC	EL	3	6		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Soph or Jr or Sr and Russ College of Engineering and Technology major COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. As part of the team, they will be required to contribute to the development of specifications and a project plan including budget, materials, schedule and labor. They will be expected to master new relevant technical and non-technical material through attendance at lectures, consultation with faculty and professional mentors and self study. They will be also be expected to design and develop a sub-system that is part of a solution that is economically, environmentally, socially and ethically appropriate.									
ENT	ENT	ET	4521	<b>Engineering and Technology Projects in Developing Countries: Design</b>	LEC	LE	3	6		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Soph or Jr or Sr and Russ College of Engineering and Technology major COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. As part of the team, they will be required to contribute to the development of specifications and a project plan including budget, materials, schedule and labor. They will be expected to master new relevant technical and non-technical material through attendance at lectures, consultation with faculty and professional mentors and self study. They will be also be expected to design and develop a sub-system that is part of a solution that is economically, environmentally, socially and ethically appropriate.									
ENT	ENT	ET	4900	<b>Special Topics in Engineering Technology</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
ENT	ENT	ET	4900	<b>Special Topics in Engineering Technology</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE: COURSE DESC: Specific course content will vary with offering.									
ENT	ENT	ET	4910	<b>Cooperative Education Field Experience IV</b>	FLD	FE	1	10		N	U30		0
				ELIGIBLE GRADES: CR, PR, F REQUISITE: ET 1500 COURSE DESC: Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.									
ENT	ENT	ET	4914	<b>Engineering and Technology Project in Developing Countries: Implementation</b>	FLD	FE	1 to 3	9		N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: ET 4521 COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. This course will focus on the project implementation. Students will be expected to travel to a developing country as part of an education abroad experience and coordinate the realization of a project sub-system. Students will also be expected to work as part of an intercultural team and to expand their knowledge of the host country's culture.									

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ENT	ENT	<b>ET</b>	<b>4950</b>	<b>Robe Leadership Seminar</b>	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Through selected readings, class presentations, discussions, and case studies, students seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies are required during the term.									
ENT	ENT	<b>ET</b>	<b>5300</b>	<b>Engineering Economy</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Provides knowledge of the economic consequences of engineering decision processes, and methods for evaluation of engineering design alternatives in terms of costs and benefits. Topics include time equivalence of money, annual cost method, present worth method, rate of return method, depreciation, benefit/cost, break-even analysis, income taxes, equipment replacement and risk.									
ENT	ENT	<b>ET</b>	<b>5520</b>	<b>Appropriate Technology in Developing Countries</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	<b>ET</b>	<b>5520</b>	<b>Appropriate Technology in Developing Countries</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.									
ENT	ENT	<b>ET</b>	<b>5900</b>	<b>Selected Topics</b>	LEC	LE	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		A typical topic would be Engineering Writing, where students develop the ability to think critically as a professional communicator									
ENT	ENT	<b>ET</b>	<b>5950</b>	<b>Robe Leadership Seminar</b>	SEM	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Through selected readings, class presentations, discussions, and case studies, students will seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields will visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies will be required during the term.									
ENT	ENT	<b>ET</b>	<b>5950</b>	<b>Robe Leadership Seminar</b>	SEM	SE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Through selected readings, class presentations, discussions, and case studies, students will seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields will visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies will be required during the term.									
ENT	ENT	<b>ET</b>	<b>6020</b>	<b>Technical Writing Seminar</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Employing texts drawn from engineering. Provide guidance for thesis/dissertation preparation. Practice organizing and synthesizing ideas with special attention given to correctly using and referencing the work of others. Writing assignments focus on topics of the students choosing. Emphasis is placed on the style of writing appropriate for academic discourse in engineering.									
ENT	ENT	<b>ET</b>	<b>6100</b>	<b>Seminar on Teaching Engineering and Technology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Prepare graduate students for the teaching responsibilities that they will have as faculty members. Focus on strategies for effectively teaching engineering courses and include a variety of methods used by current faculty. Learn skills useful for communicating with team members, giving presentations, training others, or otherwise communicating and training people outside of academic settings.									
ENT	ENT	<b>ET</b>	<b>6100</b>	<b>Seminar on Teaching Engineering and Technology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Prepare graduate students for the teaching responsibilities that they will have as faculty members. Focus on strategies for effectively teaching engineering courses and include a variety of methods used by current faculty. Learn skills useful for communicating with team members, giving presentations, training others, or otherwise communicating and training people outside of academic settings.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ENT	<b>ET</b>	<b>6900</b>	<b>Special Topics in Engineering Technology</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ENT	<b>ET</b>	<b>6900</b>	<b>Special Topics in Engineering Technology</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ENT	<b>ET</b>	<b>7990</b>	<b>Engineering Synthesis Seminar</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Completion of 20 semester hours of Ph.D. coursework						
		COURSE DESC:		Integration of engineering and technology topics through group discussion with focus on technical communication.									
ENT	ENT	<b>ET</b>	<b>7990</b>	<b>Engineering Synthesis Seminar</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Completion of 20 semester hours of Ph.D. coursework						
		COURSE DESC:		Integration of engineering and technology topics through group discussion with focus on technical communication.									
ENT	ENT	<b>ET</b>	<b>8900</b>	<b>Special Topics in Engineering Technology</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ENT	<b>ET</b>	<b>8900</b>	<b>Special Topics in Engineering Technology</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ENT	<b>ET</b>	<b>8940</b>	<b>Doctoral Research</b>	RSC	RS	1 to 10	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Doctoral-level research in mechanical and systems engineering.									
ENT	ENT	<b>ET</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	99		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Doctoral dissertation research, under the direction of a graduate faculty member.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	<b>ETM</b>	<b>1000</b>	<b>Introduction to Engineering Technology and Management</b>	LEC	LE	.5	0		N	U30		0
		ELIGIBLE GRADES:		CR, 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	ET 1100								
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:	ET 1100								
				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>	LAB	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>1120</b>	<b>Introduction to Manufacturing Operations</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to the workings of a manufacturing enterprise. Includes the study of planning, organizing, and controlling labor, material, equipment and tooling. Lab activities emphasize use of manufacturing documentation and tooling to produce quality products.									
ENT	ETM	<b>ETM</b>	<b>1120</b>	<b>Introduction to Manufacturing Operations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Introduction to the workings of a manufacturing enterprise. Includes the study of planning, organizing, and controlling labor, material, equipment and tooling. Lab activities emphasize use of manufacturing documentation and tooling to produce quality products.									
ENT	ETM	<b>ETM</b>	<b>2030</b>	<b>Advanced Enterprise Computer Methods</b>	LAB	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	<b>ETM</b>	<b>2030</b>	<b>Advanced Enterprise Computer Methods</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 1100 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 $\zeta$ hands on $\zeta$ learning experiences.									
ENT	ETM	<b>ETM</b>	<b>2080</b>	<b>Industrial Plastics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 1100 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 $\zeta$ hands on $\zeta$ learning experiences.									
ENT	ETM	<b>ETM</b>	<b>2150</b>	<b>Metal Casting</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	ETM	<b>ETM</b>	<b>2180</b>	<b>Metal Fabrication and Casting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	ETM	<b>ETM</b>	<b>2190</b>	<b>Welding Technology</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>Power Transmission</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	<b>ETM</b>	<b>2210</b>	<b>Power Transmission</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	<b>ETM</b>	<b>2900</b>	<b>Special Topics in Engineering Technology and Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	<b>ETM</b>	<b>3001</b>	<b>Introduction to Technical Operations Management</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, 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>3001</b>	<b>Introduction to Technical Operations Management</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 1100 and (ETM 2080 or 2180) and advanced standing in ETM						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 1100 and (ETM 2080 or 2180) and advanced standing in ETM						
		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>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		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.

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ENT	ETM	<b>ETM</b>	<b>3015</b>	<b>Aspects of Technical Operations Management</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MGT 2000 and Warning: No credit for this course if taken after the following: MGT 3000 This course examines the aspects of technical operations management and how when applied effectively they can provide an organization with a product or service with higher quality and at a lower cost than their competition. Emphasis is on providing a conceptual understanding of the operations function, which includes: business measures, product/service design, capacity planning, facilities planning and layout, work system design, managing quality, materials planning and inventory control, supply chain management and automatic identification & data capture.									
				Operations is an essential function in all organizations, manufacturing or service, private or public, profit or non-profit. Technical operations managers work in factories, sports facilities, restaurants, banks, hospitals and clinics, airlines, etc. Operations are typically, by far, the largest segment of an organization with the largest budget, number of employees and square footage in the facility. All other departments in organizations interact with and are affected by Operations. For these reasons it is important to understand the operations functions.									
ENT	ETM	<b>ETM</b>	<b>3020</b>	<b>Computer Graphics</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 3010 and advanced standing in ETM 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 1100 and ETM 3010 and advanced standing in ETM 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 1030 or ISE 1100 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 1030 or ISE 1100 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 1100 and not Engineering Technology and Management 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 1100 and not Engineering Technology and Management 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>3200</b>	<b>Hydraulics and Pneumatics</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2210 and advanced standing in ETM Application of hydraulic and pneumatic principles to common industrial uses for power transmission and mechanism control. Includes a study of hardware and circuitry. Lab activities include construction and testing of fluid power circuits.									
ENT	ETM	<b>ETM</b>	<b>3200</b>	<b>Hydraulics and Pneumatics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2210 and advanced standing in ETM Application of hydraulic and pneumatic principles to common industrial uses for power transmission and mechanism control. Includes a study of hardware and circuitry. Lab activities include construction and testing of fluid power circuits.									
ENT	ETM	<b>ETM</b>	<b>3310</b>	<b>Database Applications &amp; Analytics</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and advanced standing in ETM Teaches students relational database fundamentals, SQL programming skills, and simple database analytics. Includes principles of database design techniques and implementations. Upon completion, students will understand SQL functions, interfacing with an object oriented programming language, and will be able to write SELECT, INSERT, UPDATE, and DELETE statements. Extensive hands on exercises are used throughout the course to reinforce the material using Windows Forms and ASP.NET.									

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ENT	ETM	<b>ETM</b>	<b>3310</b>	<b>Database Applications &amp; Analytics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and advanced standing in ETM Teaches students relational database fundamentals, SQL programming skills, and simple database analytics. Includes principles of database design techniques and implementations. Upon completion, students will understand SQL functions, interfacing with an object oriented programming language, and will be able to write SELECT, INSERT, UPDATE, and DELETE statements. Extensive hands on exercises are used throughout the course to reinforce the material using Windows Forms and ASP.NET.									
ENT	ETM	<b>ETM</b>	<b>3320</b>	<b>Electronics and Micro-Controllers</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	<b>ETM</b>	<b>3320</b>	<b>Electronics and Micro-Controllers</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	<b>ETM</b>	<b>3320</b>	<b>Electronics and Micro-Controllers</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and (PHYS 2001 or 2051) and advanced standing in ETM Uses a micro-controller to demonstrate the theory and application of analog and digital electronic devices. These devices include resistors, photo resistors, potentiometers, LEDs, thermistors, capacitors, transistors, diodes, DC motors, stepper motors, keypads, LCD displays, and integrated circuits. The lectures include series-parallel circuits, ohms law, circuit analysis methods using KVL and KCL, and Boolean logic used in digital circuits analysis and simple design. The lab experiences include building, testing, and troubleshooting micro-controller applications.									
ENT	ETM	<b>ETM</b>	<b>3470</b>	<b>Plastics Molding Processes</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM In-depth analysis of selected molding plastics processes including essentials of product/process design and their impact on product quality. Lab activities involve extensive analysis of molding and processes.									
ENT	ETM	<b>ETM</b>	<b>3470</b>	<b>Plastics Molding Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM In-depth analysis of selected molding plastics processes including essentials of product/process design and their impact on product quality. Lab activities involve extensive analysis of molding and processes.									
ENT	ETM	<b>ETM</b>	<b>3480</b>	<b>Plastics Forming and Composites Fabrication</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and advanced standing in ETM Advanced study of plastics product manufacturing using extrusion, blow molding, thermo-forming, fabrication, composite, and finishing processes. Includes part and mold/die design, material selection, process optimization, and manufacturing costs. Lab activities include mold building, and testing and process optimization.									
ENT	ETM	<b>ETM</b>	<b>3480</b>	<b>Plastics Forming and Composites Fabrication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and advanced standing in ETM Advanced study of plastics product manufacturing using extrusion, blow molding, thermo-forming, fabrication, composite, and finishing processes. Includes part and mold/die design, material selection, process optimization, and manufacturing costs. Lab activities include mold building, and testing and process optimization.									
ENT	ETM	<b>ETM</b>	<b>3490</b>	<b>Plastics Tooling</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM Study of tooling required for extrusion, injection molding, compression molding, thermo-forming, and other production processes used to produce plastic parts. Lab activities include design and construction of molds for plastic forming.									
ENT	ETM	<b>ETM</b>	<b>3490</b>	<b>Plastics Tooling</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and 3510 and advanced standing in ETM Study of tooling required for extrusion, injection molding, compression molding, thermo-forming, and other production processes used to produce plastic parts. Lab activities include design and construction of molds for plastic forming.									
ENT	ETM	<b>ETM</b>	<b>3510</b>	<b>Production Tooling</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 or ETM 3570) and ETM 3010 and Advanced Standing in ETM Theory and Practice of Designing and constructing tooling to improve productivity and quality in various manufacturing applications. Lab activities include using computer aided design (CAD) software to design work holding jigs and fixtures. Also includes construction and testing of jigs, fixtures and gages.									
ENT	ETM	<b>ETM</b>	<b>3510</b>	<b>Production Tooling</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 or ETM 3570) and ETM 3010 and Advanced Standing in ETM Theory and Practice of Designing and constructing tooling to improve productivity and quality in various manufacturing applications. Lab activities include using computer aided design (CAD) software to design work holding jigs and fixtures. Also includes construction and testing of jigs, fixtures and gages.									



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ENT	ETM	<b>ETM</b>	<b>3520</b>	<b>Computer Numerical Control Processes</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 and advanced standing in ETM) or ETM 3070 Advanced computer-aided design and computer-aided machining (CAD/CAM) for computer numerical control (CNC) machine tools. Lab activities focus on optimizing machining performance.									
ENT	ETM	<b>ETM</b>	<b>3520</b>	<b>Computer Numerical Control Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ETM 2510 and advanced standing in ETM) or ETM 3070 Advanced computer-aided design and computer-aided machining (CAD/CAM) for computer numerical control (CNC) machine tools. Lab activities focus on optimizing machining performance.									
ENT	ETM	<b>ETM</b>	<b>3540</b>	<b>Automatic Identification and Data Capture</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2310 and 3030 and advanced standing in ETM Study of methods and systems used to automatically identify objects including bar coding, optical character recognition, magnetic stripe, radio frequency identification and biometrics. Various industrial applications will be studied, such as inventory, production control, order picking, and shipping/receiving. Lab experiences emphasize application of automatic identification technologies.									
ENT	ETM	<b>ETM</b>	<b>3540</b>	<b>Automatic Identification and Data Capture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2310 and 3030 and advanced standing in ETM Study of methods and systems used to automatically identify objects including bar coding, optical character recognition, magnetic stripe, radio frequency identification and biometrics. Various industrial applications will be studied, such as inventory, production control, order picking, and shipping/receiving. Lab experiences emphasize application of automatic identification technologies.									
ENT	ETM	<b>ETM</b>	<b>3610</b>	<b>Product Design</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3010 and 3510 and advanced standing in ETM 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>3610</b>	<b>Product Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3010 and 3510 and advanced standing in ETM 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>3620</b>	<b>Supervision and Leadership</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (BUSL 2000 or 2550) and COMS 1030 and MGT 2000 and Advanced standing in ETM and Jr or Sr Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people and operations and their application to actual on the job situations.									
ENT	ETM	<b>ETM</b>	<b>3620</b>	<b>Supervision and Leadership</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (BUSL 2000 or 2550) and COMS 1030 and MGT 2000 and Advanced standing in ETM and Jr or Sr Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people and operations and their application to actual on the job situations.									
ENT	ETM	<b>ETM</b>	<b>3625</b>	<b>Supervision and Leadership in Technical Organizations</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2000 and ENG 1510 and MGT 2000 and PSY 1010 and Advanced Standing in ETM Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people in a technical organization.									
ENT	ETM	<b>ETM</b>	<b>3625</b>	<b>Supervision and Leadership in Technical Organizations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2000 and ENG 1510 and MGT 2000 and PSY 1010 and Advanced Standing in ETM Examines the basic principles of supervision, planning, organizing, staffing, leading, and controlling people in a technical organization.									
ENT	ETM	<b>ETM</b>	<b>3630</b>	<b>Quality Management Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 2080 and 2180 and (ISE 3040 or MATH 2500) and (Tier I English composition course in ENG or ET or ETM) and advanced standing in ETM Theory and practice of quality assurance principles in manufacturing. Includes statistical process control, process capability, gage capability, and quality management.									
ENT	ETM	<b>ETM</b>	<b>3635</b>	<b>Quality Assurance and Technical Documentation</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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>3635</b>	<b>Quality Assurance and Technical Documentation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Theory and practice of quality assurance principles. Includes statistical process control, process capability, gauge capability, and quality management and an introduction to ISO documentation.									

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ENT	ETM	<b>ETM</b>	<b>3700J</b>	<b>Professional and Technical Writing</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Covers the preparation, research, organization, draft writing and revisions of technical documents such as proposals, product descriptions, mission statements, reports, and instructions.									
ENT	ETM	<b>ETM</b>	<b>3820</b>	<b>Technical Project Management</b>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	ETM 2030 and MGT 2000 and (MATH 2500 or ISE 3040) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ISE 4490 or ETM 3830							
		COURSE DESC:		Students will learn the skills, tools, and strategies needed to meet the needs of technical 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>3820</b>	<b>Technical Project Management</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	ETM 2030 and MGT 2000 and (MATH 2500 or ISE 3040) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ISE 4490 or ETM 3830							
		COURSE DESC:		Students will learn the skills, tools, and strategies needed to meet the needs of technical 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>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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 (always deduct credit for first course taken): ISE 4490 or ETM 3820							
		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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 (always deduct credit for first course taken): ISE 4490 or ETM 3820							
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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 (always deduct credit for first course taken): ISE 4490 or ETM 3820							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 (always deduct credit for first course taken): ISE 4490 or ETM 3820							
		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	.5	0		N	U30		0
		ELIGIBLE GRADES:		CR, 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>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	<b>ETM</b>	<b>4005</b>	<b>Technical Operations Management Senior Seminar</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 3625 and ETM 3635 and SR and ETM major 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 3010 and advanced standing in ETM Will deal specifically with the analysis phase of dimensional management. The main areas covered are linear and radial statistical stack-ups of dynamic mechanical assemblies that use general and geometric dimensions. Some information is given regarding two and three-dimensional analysis methods. The primary method of learning will take place through analytical problem solving using manual and computer methods.									
ENT	ETM	<b>ETM</b>	<b>4300</b>	<b>Enterprise Supply Chain Logistics</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		BUSL 2550 and MGT 2000 and advanced standing in ETM 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		BUSL 2550 and MGT 2000 and advanced standing in ETM 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 1030 and MGT 2000 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 1030 and MGT 2000 and (Jr or Sr) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 2030 and 3635 and 3820 and Advanced Standing in ETM 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 $\sigma$ 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>4325</b>	<b>Lean Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 2030 and 3635 and 3820 and Advanced Standing in ETM 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 $\sigma$ 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 2310 and 3030 or (CS 2300 or 4620 or CTCH 2410 or 2420 or 2850 or ITS 2010 or MIS 2200 or 4580) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 2310 and 3030 or (CS 2300 or 4620 or CTCH 2410 or 2420 or 2850 or ITS 2010 or MIS 2200 or 4580) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		REQUISITE:									
		COURSE DESC:		ETM 3030 and 3200 and 3320 and advanced standing in ETM Theory and application of digital controls in manufacturing. Includes relay logic and closed loop control theory using negative feedback. Introduction to sensors, signal conditioning, circuits, D-A and A-D conversion, and Proportional-Integral-Derivative (PID) control. Lab experiments include programmable logic controllers and control of mechanical, hydraulic, pneumatic and electrical systems. Theory and application of robots used in manufacturing. Includes classifications, sensors and feedback mechanisms, robot/computer communications, and programming. Also includes selection of robots based on task and economic criteria. Lab activities include on- and off-line programming of robots and developing robotic work cells.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ETM	<b>ETM</b>	<b>4350</b>	<b>Automation, Robotics &amp; Control Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3030 and 3200 and 3320 and advanced standing in ETM 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>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2000 and ETM 3015 and ETM 3635 and FIN 2020 and MGT 2000 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>4420</b>	<b>Purchasing and Supply Chain Management</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2000 and ETM 3015 and ETM 3635 and FIN 2020 and MGT 2000 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>	LEC	EL	5	0	3	N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3635 and ETM 3625 and ETM 4325 and ETM 3820 and FIN 2020 and Advanced Standing in ETM This is a capstone course requiring each student to use knowledge from previous technical and business courses to develop and conduct an operations project. Senior project elements include process planning and control, resource planning, communications, evaluating cost considerations, quality assurance, business documentation, and project management.									
ENT	ETM	<b>ETM</b>	<b>4600</b>	<b>Applied Technical Operations Management</b>	LEC	LE	5	0	3	N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3635 and ETM 3625 and ETM 4325 and ETM 3820 and FIN 2020 and Advanced Standing in ETM This is a capstone course requiring each student to use knowledge from previous technical and business courses to develop and conduct an operations project. Senior project elements include process planning and control, resource planning, communications, evaluating cost considerations, quality assurance, business documentation, and project management.									
ENT	ETM	<b>ETM</b>	<b>4620</b>	<b>Operations and Production Capstone</b>	LAB	LB	5	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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. Eperience 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>	LEC	LE	5	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 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. Eperience 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>4830</b>	<b>Safety Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2550 and ETM 2180 and 3620 and advanced standing in ETM 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>4830</b>	<b>Safety Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BUSL 2550 and ETM 2180 and 3620 and advanced standing in ETM 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3010 and 3320 and (2080 or 2180) and advanced standing in ETM Study of organized industrial maintenance systems. Includes environmental control, structural, mechanical, and electrical requirements.									
ENT	ETM	<b>ETM</b>	<b>4900</b>	<b>Special Topics in Engineering Technology and Management</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	ETM	<b>ETM</b>	<b>4900</b>	<b>Special Topics in Engineering Technology and Management</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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ENT	ETM	<b>ETM</b>	<b>4930</b>	<b>Independent Study in Engineering Technology Management.</b>	IND	EL	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		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>4930</b>	<b>Independent Study in Engineering Technology Management.</b>	IND	IS	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	<b>ETM</b>	<b>5900</b>	<b>Special Topics in Engineering Technology and Management</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ETM	<b>ETM</b>	<b>5930</b>	<b>SPCL TOPICS IN TECHNOLOGY</b>	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Selected advanced topics that are current and relevant to industrial technology. May be repeated.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>EMGT</b>	<b>6000</b>	<b>Foundations of Engineering Management</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Engineering management skills and executive leadership are required to meet the demands of both global and domestic markets. Modern corporations require engineering leadership to be creative and progressive, and to produce profitable performance. Will help engineers to broaden their understanding of management activities and their unique applications to engineering functions.									
ENT	ISE	<b>EMGT</b>	<b>6000</b>	<b>Foundations of Engineering Management</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Engineering management skills and executive leadership are required to meet the demands of both global and domestic markets. Modern corporations require engineering leadership to be creative and progressive, and to produce profitable performance. Will help engineers to broaden their understanding of management activities and their unique applications to engineering functions.									
ENT	ISE	<b>EMGT</b>	<b>6010</b>	<b>Engineering Writing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to help students to develop the ability to think critically as a professional communicator by asking appropriate questions that will enable them to understand, develop, and produce effective communication using the following elements of thought: purpose, basic concepts, information sources and needs, underlying assumptions, inferences/conclusions, implications/consequences, points of view, and questions raised and addressed.									
ENT	ISE	<b>EMGT</b>	<b>6010</b>	<b>Engineering Writing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to help students to develop the ability to think critically as a professional communicator by asking appropriate questions that will enable them to understand, develop, and produce effective communication using the following elements of thought: purpose, basic concepts, information sources and needs, underlying assumptions, inferences/conclusions, implications/consequences, points of view, and questions raised and addressed.									
ENT	ISE	<b>EMGT</b>	<b>6100</b>	<b>Statistics for Engineering Management</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Estimation theory, hypothesis testing, and statistical prediction, simple linear regression, multiple regression, transformations, analysis of variance, and simple experimental design.									
ENT	ISE	<b>EMGT</b>	<b>6100</b>	<b>Statistics for Engineering Management</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Estimation theory, hypothesis testing, and statistical prediction, simple linear regression, multiple regression, transformations, analysis of variance, and simple experimental design.									
ENT	ISE	<b>EMGT</b>	<b>6110</b>	<b>Principles of Six Sigma</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include: tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	<b>EMGT</b>	<b>6110</b>	<b>Principles of Six Sigma</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include: tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	<b>EMGT</b>	<b>6120</b>	<b>Quality Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Focuses on the concepts of total quality management including: philosophies and frameworks of quality management, incorporating quality into strategic planning, leadership, process measurement and management, continuous quality improvement, and ISO 9000. Original writings by major figures in the quality movement, such as Deming, Juran, Tagucji, etc. will be discussed.									
ENT	ISE	<b>EMGT</b>	<b>6120</b>	<b>Quality Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EMGT 6100						
		COURSE DESC:		Focuses on the concepts of total quality management including: philosophies and frameworks of quality management, incorporating quality into strategic planning, leadership, process measurement and management, continuous quality improvement, and ISO 9000. Original writings by major figures in the quality movement, such as Deming, Juran, Tagucji, etc. will be discussed.									
ENT	ISE	<b>EMGT</b>	<b>6200</b>	<b>Information Systems Engineering</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>EMGT</b>	<b>6200</b>	<b>Information Systems Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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ENT	ISE	<b>EMGT</b>	<b>6210</b>	<b>Database Information Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6200 Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	<b>EMGT</b>	<b>6210</b>	<b>Database Information Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6200 Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	<b>EMGT</b>	<b>6300</b>	<b>Project Management</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 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>6300</b>	<b>Project Management</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 Study of the legal system; domestic and international environments of intellectual property policy (including patents, trademarks, copyrights, and trade secrets), torts and various sources of personal, facility, products and enterprise liability; contracts and issues arising from various types of contractual relationships; and aspects of administrative law (dealing with agencies) and employment law.									
ENT	ISE	<b>EMGT</b>	<b>6400</b>	<b>Engineering Law</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 Study of the legal system; domestic and international environments of intellectual property policy (including patents, trademarks, copyrights, and trade secrets), torts and various sources of personal, facility, products and enterprise liability; contracts and issues arising from various types of contractual relationships; and aspects of administrative law (dealing with agencies) and employment law.									
ENT	ISE	<b>EMGT</b>	<b>6500</b>	<b>Lean Thinking Methods</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 The objective of this course is to teach students tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, continuous improvement. The methods will be learned by practicing them in group discussions and in projects. Upon completion of the course, students will possess skills to apply lean methods in their working environments.									
ENT	ISE	<b>EMGT</b>	<b>6500</b>	<b>Lean Thinking Methods</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EMGT 6000 The objective of this course is to teach students tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, continuous improvement. The methods will be learned by practicing them in group discussions and in projects. Upon completion of the course, students will possess skills to apply lean methods in their working environments.									
ENT	ISE	<b>EMGT</b>	<b>6700</b>	<b>Engineering Leadership</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6700</b>	<b>Engineering Leadership</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	ISE	<b>EMGT</b>	<b>6900</b>	<b>Special Topics in Engineering Management</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	ISE	<b>EMGT</b>	<b>6949</b>	<b>Engineering Management Project</b>	RSC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>EMGT</b>	<b>6949</b>	<b>Engineering Management Project</b>	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EMGT 6010 and 6110 and 6200 and 6300						
		COURSE DESC:		Students are required to work on a project. They pick a topic of their choice and study in detail. Though not required, they are recommended to select this topic from the organization they are currently working. The project includes problem definition, solution techniques, analysis performed, results obtained, discussions, and conclusions.									
ENT	ISE	<b>ISE</b>	<b>1100</b>	<b>Introduction to Computers and Industrial Engineering</b>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the primary skills that industrial engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.									
ENT	ISE	<b>ISE</b>	<b>1100</b>	<b>Introduction to Computers and Industrial Engineering</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the primary skills that industrial engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.									
ENT	ISE	<b>ISE</b>	<b>2100</b>	<b>Data Management and Display</b>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 1510 or 1610) and ISE 1100 and MATH 2301 and (Soph or Jr or Sr)						
		COURSE DESC:		Demonstrates ways in which data, primarily numeric, can represent systems. Topics focus on the dimensionality of the data and common formats for data in structured problem solving. Introduces software used for data management and analysis. Students will also learn to present their results in a written format and use graphical displays to supplement their writing.									
ENT	ISE	<b>ISE</b>	<b>2100</b>	<b>Data Management and Display</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 1510 or 1610) and ISE 1100 and MATH 2301 and (Soph or Jr or Sr)						
		COURSE DESC:		Demonstrates ways in which data, primarily numeric, can represent systems. Topics focus on the dimensionality of the data and common formats for data in structured problem solving. Introduces software used for data management and analysis. Students will also learn to present their results in a written format and use graphical displays to supplement their writing.									
ENT	ISE	<b>ISE</b>	<b>2900</b>	<b>Special Topics in Industrial Systems Engineering</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ISE	<b>ISE</b>	<b>2900</b>	<b>Special Topics in Industrial Systems Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ISE	<b>ISE</b>	<b>3040</b>	<b>Fundamentals of Statistics</b>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1300 or 1350 or 163A or 2301 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or GEOG 2710 or GEOL 3050 or ISE 3200 or MATH 2500 or PSY 1110 or QBA 2010						
		COURSE DESC:		To prepare technology students to understand and use statistics to evaluate and make decisions about processes and results that they encounter in their engineering and technology jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression.									
ENT	ISE	<b>ISE</b>	<b>3040</b>	<b>Fundamentals of Statistics</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1300 or 1350 or 163A or 2301 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or GEOG 2710 or GEOL 3050 or ISE 3200 or MATH 2500 or PSY 1110 or QBA 2010						
		COURSE DESC:		To prepare technology students to understand and use statistics to evaluate and make decisions about processes and results that they encounter in their engineering and technology jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression.									
ENT	ISE	<b>ISE</b>	<b>3200</b>	<b>Engineering Statistics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(MATH 263A or 2301) and WARNING: No credit for both this course and the following (always deduct credit for first course taken): ECON 3810 or ISE 3040 or GEOG 2710 or GEOL 3050 or MATH 2500 or PSY 1110 or QBA 2010						
		COURSE DESC:		To prepare engineering and technology students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions. Topics include functions of random variables, fundamentals of probability theory, sampling distributions, probability density function and cumulative distribution function, estimation theory, hypothesis testing, statistical prediction, ANOVA techniques, simple linear regression analysis, and computer software for basic statistical analysis.									
ENT	ISE	<b>ISE</b>	<b>3210</b>	<b>Engineering Probability</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 2302 and C- or better in ISE 3200 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): MATH 3500						
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	<b>ISE</b>	<b>3210</b>	<b>Engineering Probability</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 2302 and C- or better in ISE 3200 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): MATH 3500						
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									



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ENT	ISE	<b>ISE</b>	<b>3340</b>	<b>Work Design</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 2100 and 3200 and (ENG 1510 or ENG 1610) and (Soph or Jr or Sr) Design of work systems and measurement of work. Topics include job methods, operation analysis, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, and learning curves. Students are also introduced to ergonomics considerations in the design of manual operations. Students will also learn how to present the results of their analysis in a written report.									
ENT	ISE	<b>ISE</b>	<b>3910</b>	<b>Internship in Industrial and Systems Engineering</b>	FLD	FE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Jr or Sr 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	ISE	<b>ISE</b>	<b>4120</b>	<b>Inventory and Manufacturing Control I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
ENT	ISE	<b>ISE</b>	<b>4130</b>	<b>Industrial Computer Simulation</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3210 and (ET 2100 or ETM 3030) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3210 and (ET 2100 or ETM 3030) 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 1100 and MATH 3200 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>4140</b>	<b>Introduction to Operations Research</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 1100 and MATH 3200 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 2100 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>4150</b>	<b>Information Systems Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 2100 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or 3040 or MATH 2500 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or 3040 or MATH 2500 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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>4160</b>	<b>Principles of Six Sigma</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or 3040 or MATH 2500 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3340 and Warning: No credit for both this course and the following (always deduct credit for first course taken): ETM 4320 or ETM 4325 This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	<b>ISE</b>	<b>4170</b>	<b>Lean Manufacturing and Service Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3340 and Warning: No credit for both this course and the following (always deduct credit for first course taken): ETM 4320 or ETM 4325 This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	<b>ISE</b>	<b>4190</b>	<b>Senior Capstone Design I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3300 and Sr only and Warning: No credit for both this course and the following: ISE 4490 Development and utilization of network techniques, such as PERT and CPM, to schedule activities, develop financial budgets; allocate resources, and control progress and costs of practical projects. Students are introduced to a computer program that can generate project schedules. The students will, under the co-direction of an industry mentor and a faculty member, be able to work as a member of a team and integrate and synthesize industrial engineering tools and skills to solve a problem. First phase is to identify the design methodology and schedule for the project.									
ENT	ISE	<b>ISE</b>	<b>4191</b>	<b>Senior Capstone Design II</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3340 and 4120 and 4130 and 4140 and 4160 and 4190 and Sr only 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>4300</b>	<b>Introduction to Designed Experiments</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or MATH 2500 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>4300</b>	<b>Introduction to Designed Experiments</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or MATH 2500 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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only 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>4310</b>	<b>Introduction to Systems Engineering</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ISE 3040 or 3200) and (jr or sr) Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									

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ENT	ISE	<b>ISE</b>	<b>4311</b>	<b>Applied Systems Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ISE 3040 or 3200) and (jr or sr) 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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or MATH 2500 Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	<b>ISE</b>	<b>4315</b>	<b>Decision Theory</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 3200 or MATH 2500 Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	<b>ISE</b>	<b>4320</b>	<b>Inventory and Manufacturing Control II</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4120 Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>4320</b>	<b>Inventory and Manufacturing Control II</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4120 Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>4330</b>	<b>Cost Engineering</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3300 and ISE 3200 Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	<b>ISE</b>	<b>4330</b>	<b>Cost Engineering</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3300 and ISE 3200 Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	<b>ISE</b>	<b>4335</b>	<b>Applications of Mathematical Programming</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4140 Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	<b>ISE</b>	<b>4335</b>	<b>Applications of Mathematical Programming</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4140 Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	<b>ISE</b>	<b>4345</b>	<b>Network Analysis</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4140 Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	<b>ISE</b>	<b>4345</b>	<b>Network Analysis</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ISE 4140 Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	<b>ISE</b>	<b>4350</b>	<b>Database Information Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>4350</b>	<b>Database Information Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4355</b>	<b>Introduction to Reliability Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4360</b>	<b>Facility Planning and Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4365</b>	<b>Material Handling Systems Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4370</b>	<b>Manufacturing Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4375</b>	<b>Computer Integrated Manufacturing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>4380</b>	<b>Human Factors Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.	LEC	LE	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4381</b>	<b>Industrial Ergonomics</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4381</b>	<b>Industrial Ergonomics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4385</b>	<b>Seminar on Occupational Safety and Health</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	2	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4390</b>	<b>Work Physiology and Occupational Biomechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4390</b>	<b>Work Physiology and Occupational Biomechanics</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4395</b>	<b>Cognitive Engineering</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4395</b>	<b>Cognitive Engineering</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4490</b>	<b>Project Management</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4500</b>	<b>Colloquium</b> ELIGIBLE GRADES: CR, F COURSE DESC: Presentations on topics related to the profession of Industrial and Systems Engineering.	SEM	SE	1	0		N	U30		0
ENT	ISE	<b>ISE</b>	<b>4900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Courses offered on new and emerging topics in industrial and systems engineering.	LEC	EL	1 to 4	99		I	U30		0
ENT	ISE	<b>ISE</b>	<b>4900</b>	<b>Special Topics</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Courses offered on new and emerging topics in industrial and systems engineering.	LEC	LE	1 to 4	99		I	U30		0
ENT	ISE	<b>ISE</b>	<b>4930</b>	<b>Special Investigations</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.	IND	EL	1 to 4	96		N	U30		0

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ENT	ISE	<b>ISE</b>	<b>4930</b>	<b>Special Investigations</b>	IND	IS	1 to 4	96		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									
ENT	ISE	<b>ISE</b>	<b>5120</b>	<b>Inventory and Manufacturing Control I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5120</b>	<b>Inventory and Manufacturing Control I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5140</b>	<b>Introduction to Operations Research</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5150</b>	<b>Information Systems Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	<b>ISE</b>	<b>5160</b>	<b>Principles of Six Sigma</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.									
ENT	ISE	<b>ISE</b>	<b>5170</b>	<b>Lean Manufacturing and Service Systems</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									

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ENT	ISE	<b>ISE</b>	<b>5170</b>	<b>Lean Manufacturing and Service Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course focuses on tools for applying lean thinking, lean principles and lean methods in manufacturing and service systems. Students will learn basic methods of the lean production, such as value-stream mapping, 5(6)-S, continuous flow, Kanban, SMED, A3, and continuous improvement. The methods will be learned by practicing them in lab setting and in projects.									
ENT	ISE	<b>ISE</b>	<b>5200</b>	<b>Engineering Statistics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		To prepare engineering and technology students to design statistically valid experiments and to analyze the results of those experiments to draw conclusions. Topics include functions of random variables, fundamentals of probability theory, sampling distributions, probability density function and cumulative distribution function, estimation theory, hypothesis testing, statistical prediction, ANOVA techniques, simple linear regression analysis, and computer software for basic statistical analysis.									
ENT	ISE	<b>ISE</b>	<b>5210</b>	<b>Engineering Probability</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.									
ENT	ISE	<b>ISE</b>	<b>5210</b>	<b>Engineering Probability</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	<b>ISE</b>	<b>5300</b>	<b>Introduction to Designed Experiments</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design and analysis of engineering experiments approached from linear statistical model point of view. Blocking designs, full and fractional factorial designs, analysis of variance, and introduction to response surface methodology. Software for statistical analysis is utilized.									
ENT	ISE	<b>ISE</b>	<b>5310</b>	<b>Introduction to Systems Engineering</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									
ENT	ISE	<b>ISE</b>	<b>5310</b>	<b>Introduction to Systems Engineering</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to systems engineering concepts. Continuous time and discrete time methods for modeling of systems. Systems structure, open-loop and closed-loop systems, positive and negative feedback. State and transition equations. Applications to modeling in manufacturing, production and inventory systems, service industries, physical and biological systems.									
ENT	ISE	<b>ISE</b>	<b>5311</b>	<b>Applied Systems Engineering</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									
ENT	ISE	<b>ISE</b>	<b>5311</b>	<b>Applied Systems Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to key thoughts and tools needed to move to the next level of engineering design excellence, where designing an operational component that works well by itself is not enough. Here students learn how to ensure that a product meets the customer's actual need, that it works optimally and behaves as expected within a much larger and more complex system, that it lasts for its entire expected life, and that it does all these things at an affordable and stable cost. Individual disciplines of system engineering, such as requirements analysis, functional design, and life cycle cost analysis, are identified, integrated into a new way of thinking--systems thinking--and illustrated by a series of exercises and actual case studies from industry and government. Notable successes and spectacular failures are examined, and the indispensable role of the influential team leader is described. Systems engineering is shown to be a uniquely effective interface between management, customers, suppliers, specialty engineers and other stakeholders in the systems development process.									
ENT	ISE	<b>ISE</b>	<b>5315</b>	<b>Decision Theory</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>5315</b>	<b>Decision Theory</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.									
ENT	ISE	<b>ISE</b>	<b>5320</b>	<b>Inventory and Manufacturing Control II</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>5320</b>	<b>Inventory and Manufacturing Control II</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>5330</b>	<b>Cost Engineering</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	<b>ISE</b>	<b>5330</b>	<b>Cost Engineering</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.									
ENT	ISE	<b>ISE</b>	<b>5335</b>	<b>Applications of Mathematical Programming</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	<b>ISE</b>	<b>5335</b>	<b>Applications of Mathematical Programming</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.									
ENT	ISE	<b>ISE</b>	<b>5340</b>	<b>Work Design</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design of work systems and measurement of work. Topics include job methods, operation analysis, charting techniques, stop-watch time study, work sampling, predetermined time systems, standard data, incentive wage systems, and learning curves. Students are also introduced to ergonomics considerations in the design of manual operations.									
ENT	ISE	<b>ISE</b>	<b>5345</b>	<b>Network Analysis</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	<b>ISE</b>	<b>5345</b>	<b>Network Analysis</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.									
ENT	ISE	<b>ISE</b>	<b>5350</b>	<b>Database Information Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	<b>ISE</b>	<b>5350</b>	<b>Database Information Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to application and development of database systems in industrial engineering. In addition, students will learn database theory, data modeling and SQL.									
ENT	ISE	<b>ISE</b>	<b>5355</b>	<b>Introduction to Reliability Engineering</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>5355</b>	<b>Introduction to Reliability Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces students to fundamental reliability theory and applications. Reliability models, system reliability, reliability testing, and reliability data analysis are covered.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>5360</b>	<b>Facility Planning and Design</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.									
ENT	ISE	<b>ISE</b>	<b>5360</b>	<b>Facility Planning and Design</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The process of designing and laying out a facility with an emphasis on manufacturing facilities. Consideration will also be given to other facilities, such as warehouses, and service-oriented facilities, such as hospitals. Issues addressed include selecting the type and quantity of production and handling equipment; alternatives for material flow; qualitative and quantitative methods for developing the facility layout; determining the appropriate size for the departments and the facility; and utilizing software as appropriate for determining the facility design.									
ENT	ISE	<b>ISE</b>	<b>5365</b>	<b>Material Handling Systems Engineering</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.									
ENT	ISE	<b>ISE</b>	<b>5365</b>	<b>Material Handling Systems Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides a broad understanding of materials handling engineering from a system design and application engineering point of view. Instruction in the engineering principles, design criteria, operating parameters, performance requirements, equipment resources, and applications of engineering practices involved in the planning, design, and operation of materials handling systems for manufacturing facilities, distribution facilities, and service facilities. A materials handling system design project is a required part of the course.									
ENT	ISE	<b>ISE</b>	<b>5370</b>	<b>Manufacturing Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>5370</b>	<b>Manufacturing Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Applications of industrial and systems engineering techniques, principles, practices, and methodologies as they relate to the operation, analysis, management, planning, and design of manufacturing systems. A manufacturing system design project is required as part of the course.									
ENT	ISE	<b>ISE</b>	<b>5375</b>	<b>Computer Integrated Manufacturing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.									
ENT	ISE	<b>ISE</b>	<b>5375</b>	<b>Computer Integrated Manufacturing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides the students with an understanding of the fundamentals of computer integrated manufacturing. Several issues will be addressed, product design and tolerances, numerically controlled machines and programming, CAD/CAM integration, process engineering, and process planning. Students will learn how to apply these techniques as a part of the typical manufacturing engineering task. The emphasis will be on interactions and interdependencies between the covered techniques.									
ENT	ISE	<b>ISE</b>	<b>5380</b>	<b>Human Factors Engineering</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									
ENT	ISE	<b>ISE</b>	<b>5380</b>	<b>Human Factors Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.									
ENT	ISE	<b>ISE</b>	<b>5381</b>	<b>Industrial Ergonomics</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>5381</b>	<b>Industrial Ergonomics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5390</b>	<b>Work Physiology and Occupational Biomechanics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5395</b>	<b>Cognitive Engineering</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.									
ENT	ISE	<b>ISE</b>	<b>5900</b>	<b>Special Topics</b>	LEC	LE	1 to 4	99		N	G40		0
		ELIGIBLE GRADES:		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>	FLD	FE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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	EL	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									
ENT	ISE	<b>ISE</b>	<b>5930</b>	<b>Special Investigations</b>	IND	IS	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.									
ENT	ISE	<b>ISE</b>	<b>6110</b>	<b>Analysis of Engineering Systems I</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>6110</b>	<b>Analysis of Engineering Systems I</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>6115</b>	<b>Analysis of Engineering Systems II</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>6120</b>	<b>Probabilistic System Analysis</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>6140</b>	<b>Reliability in Design</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>6150</b>	<b>Information Systems Design</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Design and control of information flow in organizations. Information storage and retrieval by data processing equipment. Students practice design of information systems in laboratory.									
ENT	ISE	<b>ISE</b>	<b>6150</b>	<b>Information Systems Design</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Design and control of information flow in organizations. Information storage and retrieval by data processing equipment. Students practice design of information systems in laboratory.									
ENT	ISE	<b>ISE</b>	<b>6160</b>	<b>Environmental Systems Engineering</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Discusses issues of modern world where industrial systems/products provide comfort and convenience that everybody enjoys. However, some of these activities may adversely affect the environment (land, water, air) if we do not address some of potential problems carefully.									
ENT	ISE	<b>ISE</b>	<b>6160</b>	<b>Environmental Systems Engineering</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Discusses issues of modern world where industrial systems/products provide comfort and convenience that everybody enjoys. However, some of these activities may adversely affect the environment (land, water, air) if we do not address some of potential problems carefully.									
ENT	ISE	<b>ISE</b>	<b>6230</b>	<b>Seminar Transportation Systems</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Covers planning, design and management transportation systems. Various aspects of transportation such as transportation modes (land, sea, air, rail) to safety and security issues are also discussed. Different transportation modeling approaches will also be introduced and studied (network modeling, mathematical modeling, and simulation, etc.).									
ENT	ISE	<b>ISE</b>	<b>6230</b>	<b>Seminar Transportation Systems</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Covers planning, design and management transportation systems. Various aspects of transportation such as transportation modes (land, sea, air, rail) to safety and security issues are also discussed. Different transportation modeling approaches will also be introduced and studied (network modeling, mathematical modeling, and simulation, etc.).									
ENT	ISE	<b>ISE</b>	<b>6260</b>	<b>Artificial Neural Networks in Manufacturing</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>6260</b>	<b>Artificial Neural Networks in Manufacturing</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.									
ENT	ISE	<b>ISE</b>	<b>6300</b>	<b>Seminar in Industrial and Systems Engineering</b>	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Current topics and new developments in industrial and systems engineering. Focus on research methods and resources for conducting thesis research. Required of all ISE graduate students.									
ENT	ISE	<b>ISE</b>	<b>6300</b>	<b>Seminar in Industrial and Systems Engineering</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Current topics and new developments in industrial and systems engineering. Focus on research methods and resources for conducting thesis research. Required of all ISE graduate students.									
ENT	ISE	<b>ISE</b>	<b>6320</b>	<b>Seminar on the Control of Inventory and Manufacturing Systems</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ISE 5120						
		COURSE DESC:		Advanced inventory control, scheduling, production planning, materials planning, lot sizing and forecasting techniques. Integration of scheduling and materials planning (Schedule-Based MRP/ERP), integration of inventory control and finite capacity scheduling. Critical review of current literature on inventory and manufacturing control.									
ENT	ISE	<b>ISE</b>	<b>6320</b>	<b>Seminar on the Control of Inventory and Manufacturing Systems</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ISE 5120						
		COURSE DESC:		Advanced inventory control, scheduling, production planning, materials planning, lot sizing and forecasting techniques. Integration of scheduling and materials planning (Schedule-Based MRP/ERP), integration of inventory control and finite capacity scheduling. Critical review of current literature on inventory and manufacturing control.									
ENT	ISE	<b>ISE</b>	<b>6360</b>	<b>Project Analysis and Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WARNING: Not ISE 5490						
		COURSE DESC:		Development and utilization of network techniques, such as CPM and PERT, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.									
ENT	ISE	<b>ISE</b>	<b>6360</b>	<b>Project Analysis and Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	WARNING: Not ISE 5490						
		COURSE DESC:		Development and utilization of network techniques, such as CPM and PERT, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.									
ENT	ISE	<b>ISE</b>	<b>6400</b>	<b>Facilities Layout and Location</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Construction and improvement algorithms for discrete layout problems. Math programming formulations for continuous layout problems; planar and network location models. Design of linear, nonlinear, quadratic, and network programming applications. Analysis of trade-offs between model realism and solvability.									
ENT	ISE	<b>ISE</b>	<b>6400</b>	<b>Facilities Layout and Location</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Construction and improvement algorithms for discrete layout problems. Math programming formulations for continuous layout problems; planar and network location models. Design of linear, nonlinear, quadratic, and network programming applications. Analysis of trade-offs between model realism and solvability.									
ENT	ISE	<b>ISE</b>	<b>6420</b>	<b>Warehouse and Distribution Systems Design</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Quantitative and operational approach to the design of the total receiving, storage, and retrieval system including packaging, palletizing, storage, order picking, shipping, facility design, information systems, and operating policy.									
ENT	ISE	<b>ISE</b>	<b>6420</b>	<b>Warehouse and Distribution Systems Design</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Quantitative and operational approach to the design of the total receiving, storage, and retrieval system including packaging, palletizing, storage, order picking, shipping, facility design, information systems, and operating policy.									
ENT	ISE	<b>ISE</b>	<b>6500</b>	<b>Foundations of Engineering Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of managing engineering and technology. It is designed to teach engineers the management skills they will need to be effective throughout their careers. It introduces the ways in which management principles are applied in the kinds of work they are most likely to encounter.									
ENT	ISE	<b>ISE</b>	<b>6500</b>	<b>Foundations of Engineering Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The objective is to help the student develop an overall understanding of managing engineering and technology. It is designed to teach engineers the management skills they will need to be effective throughout their careers. It introduces the ways in which management principles are applied in the kinds of work they are most likely to encounter.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ISE	<b>ISE</b>	<b>6550</b>	<b>Engineering Supply Chain Management</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines networks of manufacturers and distributors. Study of buyer/supplier relationships and the procurement of materials, including product requirements and negotiations.									
ENT	ISE	<b>ISE</b>	<b>6550</b>	<b>Engineering Supply Chain Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines networks of manufacturers and distributors. Study of buyer/supplier relationships and the procurement of materials, including product requirements and negotiations.									
ENT	ISE	<b>ISE</b>	<b>6600</b>	<b>Geometric Modeling in Manufacturing</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An advanced graduate level course in manufacturing applications of geometric modeling. Topics covered will include geometric transformations, solid modeling representations, feature recognition and feature modeling, and generative process planning.									
ENT	ISE	<b>ISE</b>	<b>6600</b>	<b>Geometric Modeling in Manufacturing</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An advanced graduate level course in manufacturing applications of geometric modeling. Topics covered will include geometric transformations, solid modeling representations, feature recognition and feature modeling, and generative process planning.									
ENT	ISE	<b>ISE</b>	<b>6710</b>	<b>Scheduling and Sequencing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Defining scheduling function, performance measures and terminology. Topics include scheduling algorithms for single machine, parallel machine, flow shop, job shop, cellular manufacturing systems, flexible manufacturing systems and also solution methodologies such as heuristic procedures, constructive algorithms, branch and bound approaches, dynamic programming, linear programming, integer programming, mixed integer programming, genetic algorithms, tabu search simulated annealing and fuzzy math modeling. Focusing on manufacturing scheduling in practice with relations to capacity, multiple resource requirements and material availability. Also discussing hierarchical scheduling approaches needed to solve nested scheduling problems using case studies.									
ENT	ISE	<b>ISE</b>	<b>6710</b>	<b>Scheduling and Sequencing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Defining scheduling function, performance measures and terminology. Topics include scheduling algorithms for single machine, parallel machine, flow shop, job shop, cellular manufacturing systems, flexible manufacturing systems and also solution methodologies such as heuristic procedures, constructive algorithms, branch and bound approaches, dynamic programming, linear programming, integer programming, mixed integer programming, genetic algorithms, tabu search simulated annealing and fuzzy math modeling. Focusing on manufacturing scheduling in practice with relations to capacity, multiple resource requirements and material availability. Also discussing hierarchical scheduling approaches needed to solve nested scheduling problems using case studies.									
ENT	ISE	<b>ISE</b>	<b>6900</b>	<b>Special topics</b>	LEC	EL	1 to 6	99		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Content varies based on the interest of the instructor.									
ENT	ISE	<b>ISE</b>	<b>6900</b>	<b>Special topics</b>	LEC	LE	1 to 6	99		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6930</b>	<b>Independent Study in Industrial and Systems Engineering</b>	IND	IS	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	RSC	RS	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Research contents varies.									
ENT	ISE	<b>ISE</b>	<b>6949</b>	<b>Nonthesis Master's Project</b>	RSC	RS	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Project content varies.									
ENT	ISE	<b>ISE</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Thesis content varies.									

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ENT	ISE	<b>ISE</b>	<b>7090</b>	<b>Intelligent Engineering Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7090</b>	<b>Intelligent Engineering Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7100</b>	<b>Genetic Algorithms in Manufacturing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7260</b>	<b>Neural Networks Using OR</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7270</b>	<b>Data Integration</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7270</b>	<b>Data Integration</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>7320</b>	<b>Seminar in the Control of Inventory and Manufacturing Systems</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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.									
ENT	ISE	<b>ISE</b>	<b>7320</b>	<b>Seminar in the Control of Inventory and Manufacturing Systems</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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.									
ENT	ISE	<b>ISE</b>	<b>7330</b>	<b>Advanced Systems Simulation</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Advanced discrete event simulation modeling. Modeling, design, statistical analysis, and optimization of large scale systems. Programming and comparison of simulators, simulation languages, and object-oriented simulation tools. Verification and validation methods of simulation models.									

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ENT	ISE	ISE	7330	<b>Advanced Systems Simulation</b> ELIGIBLE GRADES: A-F COURSE DESC: Advanced discrete event simulation modeling. Modeling, design, statistical analysis, and optimization of large scale systems. Programming and comparison of simulators, simulation languages, and object-oriented simulation tools. Verification and validation methods of simulation models.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7610	<b>Operations Research I - Combinatorial Optimization</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Combinatorial Optimization. The topics include algorithms and their computational complexity, convex optimization, linear programming, duality theory, solution techniques for integer programming and relaxation methods, transportation and various network problems, and finally stochastic programming methods.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7610	<b>Operations Research I - Combinatorial Optimization</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Combinatorial Optimization. The topics include algorithms and their computational complexity, convex optimization, linear programming, duality theory, solution techniques for integer programming and relaxation methods, transportation and various network problems, and finally stochastic programming methods.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7620	<b>Operations Research II - Urban OR</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Urban OR applications. The topics include dynamic programming, nonlinear programming, game theory, and various implementations in energy supply, environmental planning, green engineering, health care, public hygiene, urban transportation, regional planning and demographics, financial engineering, project management, energy finance, risk and disruption management, and sustainability analysis.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7620	<b>Operations Research II - Urban OR</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Urban OR applications. The topics include dynamic programming, nonlinear programming, game theory, and various implementations in energy supply, environmental planning, green engineering, health care, public hygiene, urban transportation, regional planning and demographics, financial engineering, project management, energy finance, risk and disruption management, and sustainability analysis.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7630	<b>Operations Research III - Queueing Theory and Applications</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Queueing Theory and its applications. The topics include waiting line vs. probability theory, single-server, multiple-server and infinitely many server models, and variations from these models, queueing network analysis, birth-death process, simulation and stochastic models, and illustrations in manufacturing, service industry, traffic analysis, and capacity planning.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7630	<b>Operations Research III - Queueing Theory and Applications</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on Queueing Theory and its applications. The topics include waiting line vs. probability theory, single-server, multiple-server and infinitely many server models, and variations from these models, queueing network analysis, birth-death process, simulation and stochastic models, and illustrations in manufacturing, service industry, traffic analysis, and capacity planning.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7720	<b>Optimizations Engineering System I - Metaheuristics</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on metaheuristics and their applications in engineering problems. The topics include comparison of metaheuristics with classical optimization and heuristics, tabu search, simulated annealing, neighborhood search, scatter search, local search, hybrid search approaches and their application in manufacturing, service industry, and other engineering optimization problems.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7720	<b>Optimizations Engineering System I - Metaheuristics</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on metaheuristics and their applications in engineering problems. The topics include comparison of metaheuristics with classical optimization and heuristics, tabu search, simulated annealing, neighborhood search, scatter search, local search, hybrid search approaches and their application in manufacturing, service industry, and other engineering optimization problems.	LEC	LE	2	0		N	G40		0
ENT	ISE	ISE	7730	<b>Optimization Engineering Systems II - Swarm Optimization</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on ant colony and swarm optimization techniques and their applications in engineering optimization problems. The topics include ant colony optimization, sawrm optimization and Bee Algorithms and their application in manufacturing, service industry, and other engineering optimization problems.	LEC	EL	2	0		N	G40		0
ENT	ISE	ISE	7730	<b>Optimization Engineering Systems II - Swarm Optimization</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on ant colony and swarm optimization techniques and their applications in engineering optimization problems. The topics include ant colony optimization, sawrm optimization and Bee Algorithms and their application in manufacturing, service industry, and other engineering optimization problems.	LEC	LE	2	0		N	G40		0

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ENT	ISE	<b>ISE</b>	<b>8900</b>	<b>Special Topics in Industrial and Systems Engineering</b>	LEC	EL	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Content and structure will be determined at the discretion of the instructor. Examples include artificial neural networks in manufacturing, artificial intelligence in manufacturing system design, advanced manufacturing database architecture, and evolutionary computation in job shop scheduling.									
ENT	ISE	<b>ISE</b>	<b>8900</b>	<b>Special Topics in Industrial and Systems Engineering</b>	LEC	LE	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Content and structure will be determined at the discretion of the instructor. Examples include artificial neural networks in manufacturing, artificial intelligence in manufacturing system design, advanced manufacturing database architecture, and evolutionary computation in job shop scheduling.									
ENT	ISE	<b>ISE</b>	<b>8930</b>	<b>Independent Study in Industrial and Systems Engineering</b>	IND	EL	1 to 6	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve advanced readings, lectures and presentations.									
ENT	ISE	<b>ISE</b>	<b>8930</b>	<b>Independent Study in Industrial and Systems Engineering</b>	IND	IS	1 to 6	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve advanced readings, lectures and presentations.									



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ENT	ME	<b>ENE</b>	<b>1010</b>	<b>Introduction to Energy Engineering</b> ELIGIBLE GRADES: A-F COURSE DESC: The purpose of this course is to provide the student with an understanding of Energy Engineering degree requirements, an appreciation of energy engineering profession, and develop their leadership potential through engagement in developmental activities.	LEC	LE	3	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>1800</b>	<b>Energy Engineering Colloquium IA</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to engineering drawings including process flow diagrams and mechanical/electrical schematics.	SEM	EL	1	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>1800</b>	<b>Energy Engineering Colloquium IA</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to engineering drawings including process flow diagrams and mechanical/electrical schematics.	SEM	SE	1	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>1810</b>	<b>Energy Engineering Colloquium IB</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to energy conversion processes including fossil, biomass, and renewable based processes.	SEM	EL	1	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>1810</b>	<b>Energy Engineering Colloquium IB</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on energy engineering opportunities and introduction to energy conversion processes including fossil, biomass, and renewable based processes.	SEM	SE	1	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>3810</b>	<b>Energy Engineering Colloquium IIA</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Bi-weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.	SEM	EL	.5	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>3810</b>	<b>Energy Engineering Colloquium IIA</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Bi-weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.	SEM	SE	.5	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>3820</b>	<b>Energy Engineering Colloquium IIB</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars and activities with the overall goal of making connections between the students' current experience of the energy engineering program and the practice of engineering.	SEM	EL	.5	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>3820</b>	<b>Energy Engineering Colloquium IIB</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Weekly seminars and activities with the overall goal of making connections between the students' current experience of the energy engineering program and the practice of engineering.	SEM	SE	.5	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>4100</b>	<b>Energy Engineering Senior Design I</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.	LAB	LB	4	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>4100</b>	<b>Energy Engineering Senior Design I</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.	LEC	EL	4	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>4100</b>	<b>Energy Engineering Senior Design I</b> ELIGIBLE GRADES: A-F COURSE DESC: This course is the first of a two course sequence that will provide a comprehensive, capstone, senior design experience for energy engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system. ET 4100 (EnE 4100) and 4200 (EnE 4200) must be taken consecutively.	LEC	LE	4	0		N	U30		0
ENT	ME	<b>ENE</b>	<b>4110</b>	<b>Energy Engineering Senior Design II</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	4	0	3	N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ENE</b>	<b>4110</b>	<b>Energy Engineering Senior Design II</b>	LEC	EL	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 4100						
		COURSE DESC:		Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	<b>ENE</b>	<b>4500</b>	<b>Energy Conversion Laboratory</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 4100						
		COURSE DESC:		Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	<b>ENE</b>	<b>4500</b>	<b>Energy Conversion Laboratory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ET 4100						
		COURSE DESC:		Course includes completing lab experiments using instrumentation systems including various transducers, signal conditioning circuits, and data acquisition systems. Lab practice to illustrate principles of selected energy utilization/conversion processes, and to aid student in gaining confidence in handling of energy engineering equipment. Development of ability to devise and apply engineering analysis and statistics to the design of experiment and conduct experiments with minimum supervision and to report results satisfactorily will be stressed. Also serves as the laboratory testing component of the integrated Capstone Design sequence.									
ENT	ME	<b>ME</b>	<b>1010</b>	<b>Mechanical Engineering - Gateway Course</b>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Gateway course introduces students to the culture and problem solving methods of the mechanical engineering profession. Student teams will work cooperatively with teams of senior ME students on topics of interest to both. Introduction to use of numerical modeling and graphical representation in engineering problem solving. Introduction to professional ethics.									
ENT	ME	<b>ME</b>	<b>1010</b>	<b>Mechanical Engineering - Gateway Course</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Gateway course introduces students to the culture and problem solving methods of the mechanical engineering profession. Student teams will work cooperatively with teams of senior ME students on topics of interest to both. Introduction to use of numerical modeling and graphical representation in engineering problem solving. Introduction to professional ethics.									
ENT	ME	<b>ME</b>	<b>1800</b>	<b>Mechanical Engineering Colloquium I</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		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>1800</b>	<b>Mechanical Engineering Colloquium I</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		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 Colloquium II</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ME 1800						
		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 Colloquium II</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ME 1800						
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.									
ENT	ME	<b>ME</b>	<b>2900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>2900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>3011</b>	<b>Kinematics and Dynamics of Machines</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better ET 2240 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>3011</b>	<b>Kinematics and Dynamics of Machines</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better ET 2240 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3011 and MATH 3400 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>3012</b>	<b>Linear Systems Analysis and Control</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3011 and MATH 3400 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 or concurrent 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>3022</b>	<b>Heat and Fluid Transport I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 or concurrent 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and ME 3121 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>3122</b>	<b>Heat and Fluid Transport II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3400 and ME 3121 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and 2300 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>3140</b>	<b>Introduction to Manufacturing Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and 2300 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>	LEC	EL	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and ET 1100 and 2220 and MATH 3200 and Soph or higher 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>3510</b>	<b>Computer Aided Design</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ENG 1510 or 1610) and ET 1100 and 2220 and MATH 3200 and Soph or higher 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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>3700</b>	<b>Machine Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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.									

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ENT	ME	<b>ME</b>	<b>3800</b>	<b>Mechanical Engineering Colloquium III</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: ME 2800 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>3800</b>	<b>Mechanical Engineering Colloquium III</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: ME 2800 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3012 Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	<b>ME</b>	<b>4060</b>	<b>Analysis and Design of Mechanisms</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3012 Analytical and graphical solutions of motion problems involving mechanical elements: linkages, gears, cams, mechanical trains, etc.									
ENT	ME	<b>ME</b>	<b>4070</b>	<b>Fundamentals of Nuclear Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 and ME 3122 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>4070</b>	<b>Fundamentals of Nuclear Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 and ME 3122 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210 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>4110</b>	<b>Principles of Heating, Venting, Air Conditioning and Refrigeration</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and (MATH 4600 or ME 4970) Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									
ENT	ME	<b>ME</b>	<b>4130</b>	<b>Conduction, Convection, and Radiation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and (MATH 4600 or ME 4970) Advanced analytical treatment of conduction, convection, and radiation. Boundary value problems, boundary layer theory, radiation network matrix analysis.									
ENT	ME	<b>ME</b>	<b>4160</b>	<b>Combustion</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and 4210 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>4160</b>	<b>Combustion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and 4210 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210 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>4170</b>	<b>Design of Thermal Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210 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.									

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ENT	ME	<b>ME</b>	<b>4210</b>	<b>Applied Thermal Systems Design and Analysis</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and C or better in ET 3200									
ENT	ME	<b>ME</b>	<b>4210</b>	<b>Applied Thermal Systems Design and Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 3122 and C or better in ET 3200									
ENT	ME	<b>ME</b>	<b>4220</b>	<b>Stirling Cycle Machine Analysis</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and ME 3122 and 4210									
ENT	ME	<b>ME</b>	<b>4220</b>	<b>Stirling Cycle Machine Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 3600 and ME 3122 and 4210									
ENT	ME	<b>ME</b>	<b>4230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and ET 3200									
ENT	ME	<b>ME</b>	<b>4230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CHEM 1510 and ET 3200									
ENT	ME	<b>ME</b>	<b>4270</b>	<b>Power Station Engineering</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210									
ENT	ME	<b>ME</b>	<b>4270</b>	<b>Power Station Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210									
ENT	ME	<b>ME</b>	<b>4290</b>	<b>Mechanics and Control of Robotic Manipulators</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only									
ENT	ME	<b>ME</b>	<b>4310</b>	<b>Atmospheric Pollution Control</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 and (CHE 3400 or ME 3121)									
ENT	ME	<b>ME</b>	<b>4310</b>	<b>Atmospheric Pollution Control</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 and (CHE 3400 or ME 3121)									
ENT	ME	<b>ME</b>	<b>4320</b>	<b>Analysis and Simulation of Transport Processes</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210									
ENT	ME	<b>ME</b>	<b>4320</b>	<b>Analysis and Simulation of Transport Processes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4210									
ENT	ME	<b>ME</b>	<b>4340</b>	<b>Fundamentals of Aerosol Behavior</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 3200 and ME 3122									
				Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									

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ENT	ME	<b>ME</b>	<b>4340</b>	<b>Fundamentals of Aerosol Behavior</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4350</b>	<b>Energy Engineering and Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4400</b>	<b>Direct Energy Conversion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4460</b>	<b>Potential Flow Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4470</b>	<b>Viscous Flow Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4620</b>	<b>Mechanics of Metal Forming</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>4630</b>	<b>Mechanics of Materials</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and 2300 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>4630</b>	<b>Mechanics of Materials</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 and 2300 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and ET 2300 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>4650</b>	<b>Introduction to Composite Materials</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 2302 and ET 2300 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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>4660</b>	<b>Mechanics of Biological Solids</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ET 2220 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2051 or 252 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>4670</b>	<b>Engineering Biomechanics of Human Motion</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PHYS 2051 or 252 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>4701</b>	<b>Mechanical Engineering Capstone Design I</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent 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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ETM 3070 (ME 3510 and 3700) concurrent 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>	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 4701 and Sr only 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>4702</b>	<b>Mechanical Engineering Capstone Design II</b>	LEC	EL	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ME 4701 and Sr only						
		COURSE DESC:		Continuation of ME 4701 and must be taken in the semester following the successful completion of ME 4701. Completes the two-course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	<b>ME</b>	<b>4702</b>	<b>Mechanical Engineering Capstone Design II</b>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ME 4701 and Sr only						
		COURSE DESC:		Continuation of ME 4701 and must be taken in the semester following the successful completion of ME 4701. Completes the two-course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.									
ENT	ME	<b>ME</b>	<b>4740</b>	<b>Advanced Machine Design</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4740</b>	<b>Advanced Machine Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4750</b>	<b>Solar Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4760</b>	<b>Automotive Engineering</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHYS 2051						
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	<b>ME</b>	<b>4770</b>	<b>Vehicle Systems Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PHYS 2051						
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	<b>ME</b>	<b>4800</b>	<b>Mechanical Engineering Colloquium IV</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ME 3800						
		COURSE DESC:		Last in a series of ME colloquia which engage students in career exploration, physical demonstrations, and research seminars. Activities to develop professional skills and technical communication skills are emphasized. Requires demonstration of satisfactory oral presentation skills.									
ENT	ME	<b>ME</b>	<b>4800</b>	<b>Mechanical Engineering Colloquium IV</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	ME 3800						
		COURSE DESC:		Last in a series of ME colloquia which engage students in career exploration, physical demonstrations, and research seminars. Activities to develop professional skills and technical communication skills are emphasized. Requires demonstration of satisfactory oral presentation skills.									
ENT	ME	<b>ME</b>	<b>4880</b>	<b>Experimental Design Lab</b>	LAB	LB	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ENG 1510 or 1610) and ISE 3200 and ME 4701 and Soph or higher						
		COURSE DESC:		Learn the use of basic lab equipment while constructing and testing measurement systems. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. Design and conduct experiments that support capstone mechanical design projects. Instruction provided on error analysis and the creation and editing of formal lab reports. Write multiple lab reports in executive summary style, and one formal lab report.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>4880</b>	<b>Experimental Design Lab</b>	LEC	LE	3	0	1JE	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(ENG 1510 or 1610) and ISE 3200 and ME 4701 and Soph or higher							
		COURSE DESC:		Learn the use of basic lab equipment while constructing and testing measurement systems. Complete lab experiments using more advanced instrumentation systems, including various transducers, signal conditioning circuits, and data acquisition systems. Design and conduct experiments that support capstone mechanical design projects. Instruction provided on error analysis and the creation and editing of formal lab reports. Write multiple lab reports in executive summary style, and one formal lab report.									
ENT	ME	<b>ME</b>	<b>4900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>4900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>4910</b>	<b>Mechanical Engineering Project</b>	FLD	FE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Project course to allow students to receive credit for relevant, non-duplicative, credit-worthy work on extracurricular engineering projects under the mentorship of a qualified faculty member. Projects are expected to include construction of a working model, development of a validated simulation, or some equivalent end product.									
ENT	ME	<b>ME</b>	<b>4930</b>	<b>Special Investigation</b>	IND	EL	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		An opportunity for faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	<b>ME</b>	<b>4930</b>	<b>Special Investigation</b>	IND	IS	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		An opportunity for faculty to offer a one-time special topics course, or for students to select a special topic that is not covered in the current offerings of the University and study that topic under the mentor-ship of a qualified faculty member.									
ENT	ME	<b>ME</b>	<b>4950</b>	<b>Introduction to Kinetic Theory and Statistical Thermodynamics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4950</b>	<b>Introduction to Kinetic Theory and Statistical Thermodynamics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4960</b>	<b>Experimental Methods in Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4970</b>	<b>Methods of Engineering Analysis</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5060</b>	<b>Analysis and Design of Mechanisms</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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ENT	ME	<b>ME</b>	<b>5070</b>	<b>Fundamentals of Nuclear Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5110</b>	<b>Principles of Heating, Venting, Air Conditioning and Refrigeration</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5130</b>	<b>Conduction, Convection, and Radiation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5160</b>	<b>Combustion</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	<b>ME</b>	<b>5160</b>	<b>Combustion</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Kinetic theory and properties of gases, chemical reactions in gases, diffusion flames, detonation, combustion of atomized sprays, combustion diagnostic techniques, combustion and air pollution.									
ENT	ME	<b>ME</b>	<b>5170</b>	<b>Design of Thermal Systems</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	<b>ME</b>	<b>5170</b>	<b>Design of Thermal Systems</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design of systems in which thermodynamics, transport behavior, and optimization techniques are major considerations. Emphasis on total design approach including factors such as cost and reliability. Typical systems include power, propulsion, environmental, and cryogenic. Design project and report required.									
ENT	ME	<b>ME</b>	<b>5220</b>	<b>Stirling Cycle Machine Analysis</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	<b>ME</b>	<b>5220</b>	<b>Stirling Cycle Machine Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Analysis and simulation of Stirling cycle machines, in which the single phase working gas operates in a closed thermal power cycle. Development and use of computer simulation techniques to model the non-steady flow conditions including thermodynamics, heat transfer, and fluid flow friction effects.									
ENT	ME	<b>ME</b>	<b>5230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	<b>ME</b>	<b>5230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Design of fuel cells using analytical tools, based on thermodynamic and electrochemistry.									
ENT	ME	<b>ME</b>	<b>5270</b>	<b>Power Station Engineering</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>5270</b>	<b>Power Station Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Fuels, principles of combustion, stationary boilers, grates, stokers, furnaces, coal pulverizers, economizers, preheaters, superheaters, stacks, forced and induced draft, boiler-feed pumps, heat balances, and hydro power.									
ENT	ME	<b>ME</b>	<b>5290</b>	<b>Mechanics and Control of Robotic Manipulators</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Classification and applications for mechanical manipulator systems. Manipulator motion description, forward kinematics transformations, and solution of inverse kinematics equations. Velocity kinematics and manipulator dynamics equations. Trajectory generation and control schemes including sensory feedback. Laboratory exercises to augment lecture material.									
ENT	ME	<b>ME</b>	<b>5290</b>	<b>Mechanics and Control of Robotic Manipulators</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Classification and applications for mechanical manipulator systems. Manipulator motion description, forward kinematics transformations, and solution of inverse kinematics equations. Velocity kinematics and manipulator dynamics equations. Trajectory generation and control schemes including sensory feedback. Laboratory exercises to augment lecture material.									
ENT	ME	<b>ME</b>	<b>5310</b>	<b>Atmospheric Pollution Control</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	<b>ME</b>	<b>5310</b>	<b>Atmospheric Pollution Control</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sources of air pollution from major industries, internal combustion engines, and other sources. Techniques available for measuring particulate and gaseous pollutants in atmosphere and at their sources. Techniques available for control and future possibilities for control of air pollution.									
ENT	ME	<b>ME</b>	<b>5320</b>	<b>Analysis and Simulation of Transport Processes</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	<b>ME</b>	<b>5320</b>	<b>Analysis and Simulation of Transport Processes</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Use of CFD software to study conduction, convection, and radiation. Analyze governing equations by simulation and visualization. Fundamentals of CFD programming.									
ENT	ME	<b>ME</b>	<b>5340</b>	<b>Fundamentals of Aerosol Behavior</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	<b>ME</b>	<b>5340</b>	<b>Fundamentals of Aerosol Behavior</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Aerosol characterization transport properties, convective and inertial deposition, light scattering and visibility, experimental methods, coagulation, gas to particle conversion, general dynamic equation for aerosols.									
ENT	ME	<b>ME</b>	<b>5350</b>	<b>Energy Engineering and Management</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	<b>ME</b>	<b>5350</b>	<b>Energy Engineering and Management</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Application of the Law of Conservation of Matter, Law of Conservation of Energy, and considerations of efficiency, economic impact and environmental impact to the analysis of the relative merits of conventional and alternative energy sources for industrial, residential, and transportation use.									
ENT	ME	<b>ME</b>	<b>5400</b>	<b>Direct Energy Conversion</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									
ENT	ME	<b>ME</b>	<b>5400</b>	<b>Direct Energy Conversion</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		General principles of conventional and unconventional energy conversion. Analysis of multiple energy processes, including but not limited to photovoltaic, wind, electrochemical, thermovoltaic, combustion (Otto, Diesel, Brayton, and Rankine), refrigeration, and nuclear.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>5460</b>	<b>Potential Flow Theory</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Inviscid flow theory. General equations of fluid dynamics. Study of potential flow.									
ENT	ME	<b>ME</b>	<b>5460</b>	<b>Potential Flow Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									
ENT	ME	<b>ME</b>	<b>5470</b>	<b>Viscous Flow Theory</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Mechanics of fluid resistance, laminar and turbulent flow. Applications to external boundary layer flow, and to flow in ducts.									
ENT	ME	<b>ME</b>	<b>5550</b>	<b>Mechatronics I</b>	LAB	LB	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5550</b>	<b>Mechatronics I</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5550</b>	<b>Mechatronics I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5620</b>	<b>Mechanics of Metal Forming</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5630</b>	<b>Mechanics of Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5650</b>	<b>Introduction to Composite Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>5660</b>	<b>Mechanics of Biological Solids</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5740</b>	<b>Advanced Machine Design</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5740</b>	<b>Advanced Machine Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5750</b>	<b>Solar Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5760</b>	<b>Automotive Engineering</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	<b>ME</b>	<b>5770</b>	<b>Vehicle Systems Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the systems engineering design process for land and air vehicles through case studies and projects. Examines the process for developing a first layout for a new vehicle platform, including setting requirements, generating concepts, and predicting performance. Technical, economic, environmental and social aspects are considered.									
ENT	ME	<b>ME</b>	<b>5800</b>	<b>Graduate Colloquium</b>	SEM	EL	1	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>5800</b>	<b>Graduate Colloquium</b>	SEM	SE	1	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>5900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>5930</b>	<b>Special Investigation</b>	IND	EL	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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.									

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ENT	ME	<b>ME</b>	<b>5930</b>	<b>Special Investigation</b>	IND	IS	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Kinetic theory, classical and quantum statistical mechanics with applications to engineering devices.									
ENT	ME	<b>ME</b>	<b>5950</b>	<b>Introduction to Kinetic Theory and Statistical Thermodynamics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5960</b>	<b>Experimental Methods in Design</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6010</b>	<b>Advanced System Analysis and Control</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6040</b>	<b>Mechanics and Control of Multi-Degree-of-Freedom-Systems</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6050</b>	<b>Intermediate Dynamics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6100</b>	<b>Advanced Vibrations Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>6150</b>	<b>Thermal Stress Analysis</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 5630 Thermal stresses developed in machine and structural components. Procedures for solving stress problems associated with elevated temperatures in such components as tubes, rods, and plates as encountered in nuclear reactors, engines, and aircraft and missile structures.									
ENT	ME	<b>ME</b>	<b>6150</b>	<b>Thermal Stress Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ME 5630 Thermal stresses developed in machine and structural components. Procedures for solving stress problems associated with elevated temperatures in such components as tubes, rods, and plates as encountered in nuclear reactors, engines, and aircraft and missile structures.									
ENT	ME	<b>ME</b>	<b>6500</b>	<b>Advanced Engineering Mathematics I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6570</b>	<b>Introduction to Finite Element Methods</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6630</b>	<b>Advanced Mechanics of Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6750</b>	<b>Mechanical Testing of Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>6900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
ENT	ME	<b>ME</b>	<b>6910</b>	<b>Graduate Internship</b>	FLD	FE	1	5		N	G50		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required Supervised work-study experience in an established industrial or government environment.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>6940</b>	<b>Research</b>	RSC	RS	1 to 12	999		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Independent research project under the direction of a graduate faculty advisor.									
ENT	ME	<b>ME</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	5	0		N	G50		0
		ELIGIBLE GRADES:		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>6970</b>	<b>Engineering Analysis and Numerical Methods</b>	LEC	LE	5	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7050</b>	<b>Advanced Dynamics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7120</b>	<b>Advanced Heat Transfer</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ME 5460						
		COURSE DESC:		Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence									
ENT	ME	<b>ME</b>	<b>7140</b>	<b>Viscous Flow and Convection Heat Transfer</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ME 5460						
		COURSE DESC:		Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence									
ENT	ME	<b>ME</b>	<b>7200</b>	<b>Advanced Non-linear Finite Element Analysis</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>7200</b>	<b>Advanced Non-linear Finite Element Analysis</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>7310</b>	<b>Transport Processes in Atmospheric Pollution Control</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7330</b>	<b>Numerical Heat Transfer and Fluid Flow</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7450</b>	<b>Advanced Topics in Numerical Methods</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		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>7510</b>	<b>Advanced Computer-Aided Design</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7600</b>	<b>Advanced CAD/CAM/CAE of Dies and Molds</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7620</b>	<b>Topics in Non-Newtonian Fluid Dynamics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	ME	<b>ME</b>	<b>7760</b>	<b>Special Topics in Materials Processing</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	EL	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Presentation and discussion of research topics.									
ENT	ME	<b>ME</b>	<b>7800</b>	<b>Doctoral Colloquium</b>	SEM	SE	1	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Presentation and discussion of research topics.									
ENT	ME	<b>ME</b>	<b>7840</b>	<b>Fracture and Fatigue of Engineering Materials</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7840</b>	<b>Fracture and Fatigue of Engineering Materials</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>7850</b>	<b>Plasticity Theory and Application</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Advanced topics in selected areas in mechanical engineering.									
ENT	ME	<b>ME</b>	<b>7900</b>	<b>Special Topics in Mechanical Engineering</b>	LEC	LE	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	EL	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Advanced topics in mechanical engineering with an emphasis on individual study.									
ENT	ME	<b>ME</b>	<b>7930</b>	<b>Special Investigations</b>	IND	IS	1 to 4	999		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Advanced topics in mechanical engineering with an emphasis on individual study.									
ENT	ME	<b>ME</b>	<b>7970</b>	<b>Advanced Engineering Analysis</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CHE 6100 or ME 6970						
		COURSE DESC:		Analytical approaches for obtaining solutions to a variety of engineering and physics problems, with emphasis on mechanical engineering topics such as transport processes, nonlinear vibrations, and dynamics. Focus on advanced/approximate methods.									
ENT	ME	<b>ME</b>	<b>7970</b>	<b>Advanced Engineering Analysis</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CHE 6100 or ME 6970						
		COURSE DESC:		Analytical approaches for obtaining solutions to a variety of engineering and physics problems, with emphasis on mechanical engineering topics such as transport processes, nonlinear vibrations, and dynamics. Focus on advanced/approximate methods.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>AH</b>	<b>2110</b>	<b>History of Art I</b>	DIS	DI	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of Western painting, sculpture, and architecture from prehistoric through Gothic. Students advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	<b>AH</b>	<b>2110</b>	<b>History of Art I</b>	LEC	LE	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of Western painting, sculpture, and architecture from prehistoric through Gothic. Students advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	<b>AH</b>	<b>2120</b>	<b>History of Art II</b>	DIS	DI	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of Western painting, sculpture, and architecture from Renaissance through contemporary. Students are advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	<b>AH</b>	<b>2120</b>	<b>History of Art II</b>	LEC	LE	4	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of Western painting, sculpture, and architecture from Renaissance through contemporary. Students are advised but not required to enroll in A H 2110 and 2120 in sequence.									
FAR	ART	<b>AH</b>	<b>2130</b>	<b>History of World Art</b>	DIS	DI	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers art and architecture that are located on six of the seven continents (with the exception of Antarctica) and which date from the Neolithic period (ca 4000 BCE) to the present. Informing the course is the important notion of plurality in the consideration not only of art and objects but also in the areas of religion, philosophy, and cultural practices.									
FAR	ART	<b>AH</b>	<b>2130</b>	<b>History of World Art</b>	LEC	LE	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers art and architecture that are located on six of the seven continents (with the exception of Antarctica) and which date from the Neolithic period (ca 4000 BCE) to the present. Informing the course is the important notion of plurality in the consideration not only of art and objects but also in the areas of religion, philosophy, and cultural practices.									
FAR	ART	<b>AH</b>	<b>2900</b>	<b>Special Topics in Art History</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	<b>AH</b>	<b>2900</b>	<b>Special Topics in Art History</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	<b>AH</b>	<b>2970T</b>	<b>Art History Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Art History.									
FAR	ART	<b>AH</b>	<b>2971T</b>	<b>Art History Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Art History									
FAR	ART	<b>AH</b>	<b>2980T</b>	<b>Art History Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in art history.									
FAR	ART	<b>AH</b>	<b>2981T</b>	<b>Art Historical Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Art History									
FAR	ART	<b>AH</b>	<b>3200</b>	<b>Greek Art</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of ancient Greece.									
FAR	ART	<b>AH</b>	<b>3210</b>	<b>Roman Art</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of ancient Rome.									
FAR	ART	<b>AH</b>	<b>3220</b>	<b>Medieval Art</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of Europe from age of Constantine to art of Giotto.									
FAR	ART	<b>AH</b>	<b>3230</b>	<b>Italian Renaissance Art</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of 15th-century Italy.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>AH</b>	<b>3260</b>	<b>Baroque and Rococo Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Art of Europe in 17th- and 18th- centuries. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3270</b>	<b>19th-Century Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Painting and sculpture in Western Europe, 1789-1900. The neoclassic, Romantic, Realist, Impressionist, and post-Impressionist movements. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3310</b>	<b>Pre-Columbian Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Preconquest art of Mexico, Central and South America. REQUISITE: Jr or Sr	LEC	LE	3	0	2CP	N	U30		0
FAR	ART	<b>AH</b>	<b>3320</b>	<b>West African Art</b> ELIGIBLE GRADES: A-F COURSE DESC: The visual art traditions, including sculpture, ceramics, textiles, and architecture, of the forest and savanna zones of West Africa. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3400</b>	<b>Asian Art History</b> ELIGIBLE GRADES: A-F COURSE DESC: Art of India, China, and Japan. REQUISITE: Jr or Sr	LEC	LE	3	0	2CP	N	U30		0
FAR	ART	<b>AH</b>	<b>3410</b>	<b>History of Chinese Art</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3420</b>	<b>20th-Century Art of China</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3430</b>	<b>History of Japanese Art</b> ELIGIBLE GRADES: A-F COURSE DESC: A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3500</b>	<b>Principles of Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduction to styles, theories, and structural principles of architecture. REQUISITE:	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3510</b>	<b>Ancient Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of architectural monuments and their historical settings in Near East, Egypt, Greece, and Rome. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3520</b>	<b>Medieval Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of architectural monuments and their historical settings in early Christian, Byzantine, Romanesque, and Gothic periods. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3530</b>	<b>Renaissance and Baroque Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of architects and monuments from 15th- through 18th- centuries. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3540</b>	<b>19th-21st Century Architecture</b> ELIGIBLE GRADES: A-F COURSE DESC: Survey of architects and monuments from historical revival styles through recent stylistic trends. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3600</b>	<b>Modernist Theory and Criticism</b> ELIGIBLE GRADES: A-F 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. REQUISITE: Jr or Sr	LEC	LE	3	0		N	U30		0

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FAR	ART	<b>AH</b>	<b>3610</b>	<b>History of Photography</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3970T</b>	<b>Art History Tutorial</b> ELIGIBLE GRADES: A-F COURSE DESC: Honors Tutorial on topics in Art History	TUT	TU	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>3980T</b>	<b>Art History Tutorial</b> ELIGIBLE GRADES: A-F COURSE DESC: Honors Tutorial on topics in Art History	TUT	TU	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>4101</b>	<b>Contemporary Art History</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4111</b>	<b>The Representation and Theorization of Gender in the History of Art</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4161</b>	<b>Arts of Medieval China (400-1300)</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4171</b>	<b>Arts of Early Modern China (1500-1700)</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4180</b>	<b>Contemporary Asian Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Studies paintings and calligraphy, installations and performance art, photography, anime, and narrative films from the '70s to early 21st- century by artists identified in different ways as Asian. Concerned with major exhibitions, events, and art movements, as well as with theoretical writing relevant to critical understanding of art in the global economy.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4190</b>	<b>Visual Culture of China</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4221</b>	<b>Romanesque and Gothic Art</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4241</b>	<b>Northern Renaissance Art</b> ELIGIBLE GRADES: A-F COURSE DESC: Art of Northern Europe in 15th- and 16th- centuries.	LEC	LE	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>4250</b>	<b>Art of High Renaissance and Mannerism</b> ELIGIBLE GRADES: A-F COURSE DESC: Art of 16th-century Italy.	LEC	LE	3	0		N	U30		0

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FAR	ART	<b>AH</b>	<b>4331</b>	<b>Central African Art</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4621</b>	<b>Art and Theory Since 1945</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Looks at the three decades of artistic production in America and Europe after World War II and the Holocaust. It focuses Develop language to discuss, describe, and generate formal analyses of art works.on four main questions: first, how did artists attempt to come to terms with the violent rupture in European civilization caused by the dehumanizing forces of war and genocide? Second, how did artistic production assist in the reconstruction of culture and community? How did they forge a connection to the prewar avant-garde? Third, how did artists attempt to engage the increasing presence of media and advertisement production, what Theodore Adorno referred to as "The Culture Industry," and George Bataille has discussed under the rubric of "The Marshall Plan," roughly understood as the "Americanization" of Europe. Last, how does our focused examination of postwar European Art in relationship to post-war American art de-center the art historical narrative that focuses primarily on American art centering on New York? How might our queries suggest a different narrative?									
				Presents a historical approach to the development of art in America, Italy, France, Germany and the Netherlands from the first attempts to represent the atrocities of war to the critique of institutions of power in the '60s through to the return of painting as a form of historical reflection in the late '70s and early '80s. Does not claim to provide an exhaustive catalogue of every important artistic activity after the war. Rather, specific figures will be examined as case studies of the interrelationship between aesthetic, historical and ideological issues from 1945 on.									
				Finally, introduces the history of contemporary artistic practices from the 1960s to the present, and the major critical and historical accounts of modernism and postmodernism in the arts. Focusing on the interrelationships between modernist culture and the emerging concepts of postmodernism and contemporary art, addresses a wide range of historical and methodological questions. These include the evolving idea of artistic autonomy, the changing role of cultural institutions, the shifting relationship of high art and mass culture, the impact of new technologies on cultural production, and the emergence of new audiences for art.									
FAR	ART	<b>AH</b>	<b>4711</b>	<b>Methods in Art History</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	12		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		COURSE DESC:		Gives students the opportunities to make meaningful connections between art historical research and public service. Students engage in field experiences such as working in museums, collaborative public art projects, and providing art historical instruction in institutional settings such as schools, hospitals, or non-profit organizations. Students are introduced to a range of issues faced by art historians who choose to work in the public realm.									
FAR	ART	<b>AH</b>	<b>4930</b>	<b>Independent Study--Projects</b>	IND	IS	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required and AH major and Sr only						
		COURSE DESC:		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>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Art History									
FAR	ART	<b>AH</b>	<b>4980T</b>	<b>Art History Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Art History.									
FAR	ART	<b>AH</b>	<b>5101</b>	<b>Contemporary Art History</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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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FAR	ART	<b>AH</b>	<b>5111</b>	<b>The Representation and Theorization of Gender in the History of Art</b> A-F, PR REQUISITE: ELIGIBLE GRADES: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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>5181</b>	<b>Contemporary Asian Art</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Studies paintings and calligraphy, installations and performance art, photography, anime, and narrative films from the '70s to early 21st- century by artists identified in different ways as Asian. Concerned with major exhibitions, events, and art movements, as well as with theoretical writing relevant to critical understanding of art in the global economy.									
FAR	ART	<b>AH</b>	<b>5191</b>	<b>Visual Culture of China</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Art of ancient Greece.									
FAR	ART	<b>AH</b>	<b>5210</b>	<b>Roman Art</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Art of ancient Rome.									
FAR	ART	<b>AH</b>	<b>5220</b>	<b>Medieval Art</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Art of 15th-century Italy.									
FAR	ART	<b>AH</b>	<b>5241</b>	<b>Northern Renaissance Art</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				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> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Art of 16th-century Italy.									
FAR	ART	<b>AH</b>	<b>5260</b>	<b>Baroque and Rococo Art</b> A-F, PR REQUISITE: COURSE DESC:	LEC	LE	3	0		N	G40		0
				Art of Europe in 17th- and 18th- centuries.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>AH</b>	<b>5270</b>	<b>19th-Century Art</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5331</b>	<b>Central African Art</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Art of India, China, and Japan.									
FAR	ART	<b>AH</b>	<b>5410</b>	<b>History of Chinese Art</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5600</b>	<b>Modernist Theory and Criticism</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5610</b>	<b>History of Photography</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5611</b>	<b>20th-Century Art</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5621</b>	<b>Art and Theory Since 1945</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Looks at the three decades of artistic production in America and Europe after World War II and the Holocaust. It focuses Develop language to discuss, describe, and generate formal analyses of art works.on four main questions: first, how did artists attempt to come to terms with the violent rupture in European civilization caused by the dehumanizing forces of war and genocide? Second, how did artistic production assist in the reconstruction of culture and community? How did they forge a connection to the prewar avant-garde? Third, how did artists attempt to engage the increasing presence of media and advertisement production, what Theodore Adorno referred to as "The Culture Industry," and George Bataille has discussed under the rubric of "The Marshall Plan," roughly understood as the "Americanization" of Europe. Last, how does our focused examination of postwar European Art in relationship to post-war American art de-center the art historical narrative that focuses primarily on American art centering on New York? How might our queries suggest a different narrative?									
				Presents a historical approach to the development of art in America, Italy, France, Germany and the Netherlands from the first attempts to represent the atrocities of war to the critique of institutions of power in the '60s through to the return of painting as a form of historical reflection in the late '70s and early '80s. Does not claim to provide an exhaustive catalogue of every important artistic activity after the war. Rather, specific figures will be examined as case studies of the interrelationship between aesthetic, historical and ideological issues from 1945 on.									
				Finally, introduces the history of contemporary artistic practices from the 1960s to the present, and the major critical and historical accounts of modernism and postmodernism in the arts. Focusing on the interrelationships between modernist culture and the emerging concepts of postmodernism and contemporary art, addresses a wide range of historical and methodological questions. These include the evolving idea of artistic autonomy, the changing role of cultural institutions, the shifting relationship of high art and mass culture, the impact of new technologies on cultural production, and the emergence of new audiences for art.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>AH</b>	<b>5711</b>	<b>Methods in Art History</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Investigation of various methodological approaches to study of art.									
FAR	ART	<b>AH</b>	<b>5900</b>	<b>Selected Topics in Art History</b>	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5902</b>	<b>Contemporary Art Theory and Criticism</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5903</b>	<b>Medieval Art Special Topics Seminar</b>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Focused topics on Italian Renaissance art (c 1300-1550). An artist, school, period, and/or issue will be examined. Content varies with each offering.									
FAR	ART	<b>AH</b>	<b>5905</b>	<b>Modern Art Special Topics Seminar</b>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Focused on European and American art (c 1800-1945). A single issue, period, or artist is emphasized. Content varies with each offering.									
FAR	ART	<b>AH</b>	<b>5906</b>	<b>Arts of Asia Special Topics Seminar</b>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	SEM	SE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		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>	PRA	PR	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Gives students opportunities to make meaningful connections between art historical research and public service. Students engage in field experiences such as working in museums, collaborative public art projects, and providing art historical instruction in institutional settings such as schools, hospitals, or non-profit organizations. Students are introduced to a range of issues faced by art historians who choose to work in the public realm.									
FAR	ART	<b>AH</b>	<b>5922</b>	<b>Seminar in Art History: Teaching, Research, Publication</b>	PRA	PR	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Intensive study of projects of limited scope.									
FAR	ART	<b>AH</b>	<b>5930</b>	<b>Independent Study--Projects/Readings</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent research projects/readings will vary with each offering.									
FAR	ART	<b>AH</b>	<b>6900</b>	<b>Special Topics in Art History</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	<b>AH</b>	<b>6900</b>	<b>Special Topics in Art History</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	ART	<b>AH</b>	<b>6950</b>	<b>Art History Thesis</b>	THE	TH	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thesis content will vary.									
FAR	ART	<b>ART</b>	<b>1100</b>	<b>Seeing and Knowing the Visual Arts</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>1111</b>	<b>Introduction to Digital Art</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Hip Hop culture has profoundly influenced art since the 1970s. Hip hop has given voice to new art forms and new approaches to existing artistic practices. Its underlying concepts have been adapted worldwide into art unique to diverse geographic and cultural locales. Art and Hip Hop will explore this phenomenon within the context of traditional and contemporary art; polyculturalism and multiculturalism; activism and politics; and gender and race.									
FAR	ART	<b>ART</b>	<b>1120</b>	<b>Art and Hip Hop</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Hip Hop culture has profoundly influenced art since the 1970s. Hip hop has given voice to new art forms and new approaches to existing artistic practices. Its underlying concepts have been adapted worldwide into art unique to diverse geographic and cultural locales. Art and Hip Hop will explore this phenomenon within the context of traditional and contemporary art; polyculturalism and multiculturalism; activism and politics; and gender and race.									
FAR	ART	<b>ART</b>	<b>1121</b>	<b>Introduction to Drawing</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Drawing develops fundamental skills and techniques in drawing with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of drawing media.									
FAR	ART	<b>ART</b>	<b>1121</b>	<b>Introduction to Drawing</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Drawing develops fundamental skills and techniques in drawing with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of drawing media.									
FAR	ART	<b>ART</b>	<b>1131</b>	<b>Introduction to Film Photography</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Film Photography develops basic camera and darkroom techniques using light sensitive materials with emphasis on creative expression, composition, lighting, and the art of film-based photography. No previous art experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a single-lens reflex camera, 35mm film, and a traditional wet darkroom.									
FAR	ART	<b>ART</b>	<b>1131</b>	<b>Introduction to Film Photography</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Film Photography develops basic camera and darkroom techniques using light sensitive materials with emphasis on creative expression, composition, lighting, and the art of film-based photography. No previous art experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a single-lens reflex camera, 35mm film, and a traditional wet darkroom.									
FAR	ART	<b>ART</b>	<b>1141</b>	<b>Introduction to Digital Photography</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Digital Photography develops basic camera and digital techniques with emphasis on creative expression, composition, lighting, and the art of digital photography. No previous art, photography, or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a digital camera, scanners, imaging software, and output devices.									
FAR	ART	<b>ART</b>	<b>1141</b>	<b>Introduction to Digital Photography</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Digital Photography develops basic camera and digital techniques with emphasis on creative expression, composition, lighting, and the art of digital photography. No previous art, photography, or computer experience is required. Designed for the non-art student seeking an appreciation and understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration with a digital camera, scanners, imaging software, and output devices.									
FAR	ART	<b>ART</b>	<b>1151</b>	<b>Introduction to Painting</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Painting develops fundamental skills and techniques in painting with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to painting.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>1151</b>	<b>Introduction to Painting</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Painting develops fundamental skills and techniques in painting with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to painting.									
FAR	ART	<b>ART</b>	<b>1161</b>	<b>Introduction to Ceramics</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Ceramics develops fundamental skills and techniques in ceramics. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to ceramics.									
FAR	ART	<b>ART</b>	<b>1171</b>	<b>Introduction to Printmaking</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Printmaking develops fundamental skills and techniques in printmaking with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to printmaking.									
FAR	ART	<b>ART</b>	<b>1171</b>	<b>Introduction to Printmaking</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to Printmaking develops fundamental skills and techniques in printmaking with emphasis on creative expression, perception, and composition. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of approaches to printmaking.									
FAR	ART	<b>ART</b>	<b>1181</b>	<b>Introduction to Graphic Design</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Designed for the non-art student seeking an appreciation and understanding of art and art practices. Credit as free elective only, not studio.									
FAR	ART	<b>ART</b>	<b>1181</b>	<b>Introduction to Graphic Design</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Designed for the non-art student seeking an appreciation and understanding of art and art practices. Credit as free elective only, not studio.									
FAR	ART	<b>ART</b>	<b>1191</b>	<b>Introduction to Sculpture</b>	LAB	LB	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduces fundamental techniques and issues in three-dimensional art with emphasis on creative expression, design, and craftsmanship. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of traditional and non-traditional sculptural materials.									
FAR	ART	<b>ART</b>	<b>1191</b>	<b>Introduction to Sculpture</b>	LEC	LE	4	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduces fundamental techniques and issues in three-dimensional art with emphasis on creative expression, design, and craftsmanship. No previous art experience is required. Designed for the non-art student in the general university seeking an appreciation and heightened understanding of art and art practices. Students will gain experience and direct knowledge from hands-on exploration in a variety of traditional and non-traditional sculptural materials.									
FAR	ART	<b>ART</b>	<b>1200</b>	<b>Description</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Description builds skills in drawing, image making, three-dimensional modeling, and data mapping in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying description.									
FAR	ART	<b>ART</b>	<b>1210</b>	<b>Function</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Function explores the physical, metaphorical, and cultural significance of art's function, the relationship of the artist/designer to tools as a vehicle for problem solving, and the many roles of the artist/designer in society. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying function.									
FAR	ART	<b>ART</b>	<b>1220</b>	<b>Image</b>	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Image explores the making of still, moving, informational, and anthropological investigations of images, image systems, and cultural contexts. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying image.									
FAR	ART	<b>ART</b>	<b>1220</b>	<b>Image</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Image explores the making of still, moving, informational, and anthropological investigations of images, image systems, and cultural contexts. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying image.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>1230</b>	<b>Structure</b>	LAB	LB	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Structure explores structure as it can be applied to physical, organizational, conceptual, spatial, contextual, and fixed as well as plastic approaches in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying structure.									
FAR	ART	<b>ART</b>	<b>1230</b>	<b>Structure</b>	LEC	LE	4	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Structure explores structure as it can be applied to physical, organizational, conceptual, spatial, contextual, and fixed as well as plastic approaches in the consideration of and making of art and design. This is a cross-disciplinary studio art foundations course emphasizing how similar concerns and principles can be applied to a variety of forms, materials, and traditions. Students will gain experience and direct knowledge from hands-on exploration through a variety of ways of thinking about and applying structure.									
FAR	ART	<b>ART</b>	<b>1240</b>	<b>Visual Art in Practice and Theory: Critical Perspectives</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Recommended for students interested in the Interior Architecture program.						
		COURSE DESC:		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>2210</b>	<b>Ceramics Hand Building</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>2330</b>	<b>Casting Contemporary Explorations</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>2410</b>	<b>Lithography/Monotype</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 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>	LEC	EL	3	0	2CP	N	U30		15
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>2501</b>	<b>Design History and Social Impact</b>	LEC	LE	3	0	2CP	N	U30		15
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Introduction to the use of typography as symbolic form. Study of typographic history, nomenclature, and meaning generation through letterform construction, word image, page sequencing, and digital composition.									
FAR	ART	<b>ART</b>	<b>2520</b>	<b>Typography</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Introduction to the use of typography as symbolic form. Study of typographic history, nomenclature, and meaning generation through letterform construction, word image, page sequencing, and digital composition.									
FAR	ART	<b>ART</b>	<b>2600</b>	<b>Interior Architecture Studio I</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2620 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2620 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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>2610</b>	<b>Environmental Design Seminar I</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2600 or concurrent and interior architecture major Discussion and presentation of design and process theory and application as related to implementation of digital and physical media in the studio setting. Students must have completed a successful portfolio review and maintain a computer workstation in the design studio.									
FAR	ART	<b>ART</b>	<b>2620</b>	<b>Interior Architecture Studio II</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2600 Continued investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the second IA studio in a sequence of six.									
FAR	ART	<b>ART</b>	<b>2620</b>	<b>Interior Architecture Studio II</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2600 Continued investigation of basic interior design/architecture processes including design ideation, programming, and spatial problem solving. All aspects of interior space will be addressed, including volume (positive and negative), form, texture, pattern, light and shadow. Content will be explored, developed and presented through diagramming, sketching, model making (physical and digital) and other media. Students must maintain a computer workstation in the design studio for the duration of this course. This is the second IA studio in a sequence of six.									
FAR	ART	<b>ART</b>	<b>2630</b>	<b>Environmental Design Seminar II</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2600 and 2610 and (2620 concurrent) Discussion and presentation of basic environmental design theories, concepts, and skills as related to projects in ART 1620. Students must maintain a computer workstation in the design studio.									
FAR	ART	<b>ART</b>	<b>2640</b>	<b>Building Systems of Interior Environments</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Fundamental concepts of illumination, electrical, and ceiling systems. Examination of vision, light, color, tasks, and quality of light. Terminology, symbols, concepts, electrical systems, basic equations, and lighting calculations. Exploration of light sources and controls. Study of physiological and psychological considerations.									
FAR	ART	<b>ART</b>	<b>2650</b>	<b>Introduction to Design Process and Programming</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and Interior Architecture Major An introduction to design process and programming as related to the development of interior design and application within the planning and shaping of interior architecture. Students begin with a design problem, and see it through the various phases of research, programming, ideation, implementation and final analysis in design process thinking. For Interior Architecture programming addresses more specifically space planning and analysis of space to meet client needs. Concept statements, project statements, adjacency studies and diagrams are used as tools to help students analyze and develop a program in response to a given problem. Human dimensions, physiological and psychological aspects of the environment are studied as well as issues related to sustainable design, code issues, and ergonomic concerns are addressed.									
FAR	ART	<b>ART</b>	<b>2650</b>	<b>Introduction to Design Process and Programming</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and Interior Architecture Major An introduction to design process and programming as related to the development of interior design and application within the planning and shaping of interior architecture. Students begin with a design problem, and see it through the various phases of research, programming, ideation, implementation and final analysis in design process thinking. For Interior Architecture programming addresses more specifically space planning and analysis of space to meet client needs. Concept statements, project statements, adjacency studies and diagrams are used as tools to help students analyze and develop a program in response to a given problem. Human dimensions, physiological and psychological aspects of the environment are studied as well as issues related to sustainable design, code issues, and ergonomic concerns are addressed.									
FAR	ART	<b>ART</b>	<b>2660</b>	<b>Materials Textiles and Construction in Interior Architecture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Investigation of material selection and application, construction systems, and building codes as related to interior architecture. investigation of interior finishes and materials, fire performance characteristics of materials, and material specifications. Field trips to actual construction sites when available.									
FAR	ART	<b>ART</b>	<b>2670</b>	<b>Computer-Aided Design:Professional Applications</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2600 and 2610 and (2620 concurrent) 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>Traditional Practices in Painting</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Development of formal, technical, and conceptual attitudes in painting. Investigating problems in painting, recent developments, and formal concepts.									
FAR	ART	<b>ART</b>	<b>2720</b>	<b>Experimental Drawing and Painting</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 An exploration of traditional and nontraditional drawing and painting techniques involving contemporary strategies of presentation and research methodologies.									

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FAR	ART	<b>ART</b>	<b>2810</b>	<b>Film Photography</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Covers fundamental technical and conceptual issues of traditional analog photography. Skills covered include camera operation, film processing, printing, and principles of composition. In addition, slide lectures address pertinent issues in the history and current practice of photography. Through a combination of lectures, critiques, and workshops students learn the fundamentals of traditional silver printing as well as basic camera controls and other skills essential to future work in photography. Both black and white and color processes are examined.									
FAR	ART	<b>ART</b>	<b>2820</b>	<b>Digital Photography</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Invites students to explore the possibilities of digital processes. Through class, workshops and demonstrations students learn the basics of Photoshop and become familiar with other digital programs. Others skills include scanning and printing as well as digital camera operation. Class lectures address cultural, social and ethical issues involving digital practice and explore the broad cultural shift from analog to digital media. Students are expected to become competent in various areas of digital practice and to test its possibilities.									
FAR	ART	<b>ART</b>	<b>2900</b>	<b>Studio Art Topics</b>	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Soph or Jr or Sr) and (2 Courses (ART 1200 or 1210 or 1220 or 1230)) Introduces topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinary. Students will research and address topical or media specific concerns through scholarly and studio approaches. Offers experiences in the most current topics/themes in the professional practice of art.									
FAR	ART	<b>ART</b>	<b>2902</b>	<b>Figure and Gender</b>	LAB	LB	4	8		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.									
FAR	ART	<b>ART</b>	<b>2902</b>	<b>Figure and Gender</b>	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.									
FAR	ART	<b>ART</b>	<b>2970T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Honors Tutorial College tutorial on studio art topics.									
FAR	ART	<b>ART</b>	<b>2971T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial College tutorial on studio art topics.									
FAR	ART	<b>ART</b>	<b>2980T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Honors Tutorial College tutorial on studio art topics.									
FAR	ART	<b>ART</b>	<b>2981T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial College tutorial on studio art topics.									
FAR	ART	<b>ART</b>	<b>3000J</b>	<b>Criticism in the Visual Arts</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (AH 2110 or 2120 or 2130) 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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and Jr or higher 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2210 and 2220 and (two 2000-level studio art courses) Exploration of alternative construction and surface application techniques in ceramics to foster expressive sophistication. Plaster and non-plaster molds are introduced as tools for ceramic construction and to discuss contemporary issues in ceramics such as the reproduction, the found object, and the multiple.									
FAR	ART	<b>ART</b>	<b>3220</b>	<b>Glaze Calculation &amp; Materials</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2210 and 2220 and (two 2000-level studio art courses) 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2210 and 2220 and (two 2000-level studio art courses) Explores clay and glaze calculation techniques. Students investigate ceramic materials and firing processes relevant to producing ceramic art.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>3230</b>	<b>Ceramics Wheel Throwing II</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 and 2220 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240 and 2220 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2310 or 2320 or 2330 or 2902) and two 2000-level studio ART courses 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 Prints</b>	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses Supervised studio experience in printmaking media (intaglio, lithography, relief, and/or serigraphy); includes demonstrations and lectures on related topics. Emphasis on development of techniques and concepts of printmaking.									
FAR	ART	<b>ART</b>	<b>3420</b>	<b>Papermaking</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Two courses (ART 2410 or 2420 or 2430) and two 2000-level studio ART courses 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2510 and ART 2520 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3510 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>3520</b>	<b>Graphic Design Studio II</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3510 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART Major 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART Major 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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>3540</b>	<b>Media</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3550</b>	<b>Animation</b> ELIGIBLE GRADES: A-F COURSE DESC: Design problems in animation including basic methods and camera techniques.	LAB	LB	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3550</b>	<b>Animation</b> ELIGIBLE GRADES: A-F COURSE DESC: Design problems in animation including basic methods and camera techniques.	LEC	LE	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3600</b>	<b>Interior Architecture Studio III</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3600</b>	<b>Interior Architecture Studio III</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3610</b>	<b>Interior Architecture Seminar I</b> ELIGIBLE GRADES: A-F COURSE DESC: Discussion and presentation of theories, concepts, and skills related to ART 3600. Students must maintain a computer workstation in the studio. Students must also maintain a C (2.0) or higher to remain an Interior Architecture Major.	LEC	LE	2	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3620</b>	<b>Interior Architecture Studio IV</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3620</b>	<b>Interior Architecture Studio IV</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3620</b>	<b>Interior Architecture Studio IV</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3630</b>	<b>Interior Architecture Seminar II</b> ELIGIBLE GRADES: A-F COURSE DESC: Discussion and presentation of theories, concepts, and skills related to ART 3620. Students must maintain a computer workstation in the studio. Students must also maintain a C (2.0) or higher to remain an Interior Architecture Major.	LEC	LE	2	0		N	U30		0
FAR	ART	<b>ART</b>	<b>3640</b>	<b>History of Furniture and Interior Design I</b> ELIGIBLE GRADES: A-F COURSE DESC: Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.	LEC	LE	3	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>3650</b>	<b>History of Furniture and Interior Design II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.									
FAR	ART	<b>ART</b>	<b>3660</b>	<b>Professional Practices in Interior Design</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Investigation and application of business procedures, types of business, insurance, liabilities, contractual agreements, and the support materials needed to operate a professional design practice. Professional presentation skills explored.									
FAR	ART	<b>ART</b>	<b>3670</b>	<b>Construction Documents</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ART 3600 or concurrent						
		COURSE DESC:		Study and production of construction documents as architectural graphic communications. Construction documents present and communicate specific dimensions and materials required to physically construct interior environments. Students will engage industry standards, learn to critically evaluate design proposals in terms of construction potentials, critically use professional processes, methods and techniques and learn to communicate effectively with these standards.									
FAR	ART	<b>ART</b>	<b>3670</b>	<b>Construction Documents</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ART 3600 or concurrent						
		COURSE DESC:		Study and production of construction documents as architectural graphic communications. Construction documents present and communicate specific dimensions and materials required to physically construct interior environments. Students will engage industry standards, learn to critically evaluate design proposals in terms of construction potentials, critically use professional processes, methods and techniques and learn to communicate effectively with these standards.									
FAR	ART	<b>ART</b>	<b>3710</b>	<b>Advanced Painting</b>	LEC	LE	4	8		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ART 2710 and 2720 and (two 2000-level studio art courses)						
		COURSE DESC:		Exploration of a cohesive set of techniques, methodologies, and concepts with emphasis on the creative approaches of painting and drawing.									
FAR	ART	<b>ART</b>	<b>3810</b>	<b>Advanced Photography</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ART 2810 and 2820 and (two 2000-level studio art courses)						
		COURSE DESC:		Addresses a range of technical and critical problems within the discipline including camera formats other than 35mm.									
FAR	ART	<b>ART</b>	<b>3820</b>	<b>Photographic Arts</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3970T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.									
FAR	ART	<b>ART</b>	<b>3990</b>	<b>Autopsical Art</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Jr or Sr						
		COURSE DESC:		Provides the University student with a unique experience in understanding and developing aesthetic alternatives.									

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FAR	ART	<b>ART</b>	<b>4000</b>	<b>Critique Community</b>	LEC	LE	4	16		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BFA studio art major and (4 course in 3000-level studio art) A multi- and interdisciplinary studio workshop for the development of individual fine arts practices. Students will pursue individual projects of study, research, and studio production exploring how means, methods, forms, and strategies for exhibition or dissemination are appropriate to project goals and work content. Students will further develop studio work and interests initiated in their concentrated area of study and experience and create new work for a culminating thesis project. Ongoing critique experiences with other advanced students from all areas of fine arts will guide project progress. Discussion and readings will aid students' understanding of how their individual practice and goals reside in discourse with larger movements, positions, and activities of the field of contemporary art. Practice with the presentation of ideas and concepts inherent in the work verbally and in written statements will supplement studio production.									
FAR	ART	<b>ART</b>	<b>4510</b>	<b>Graphic Design Studio III</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3520 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 4510 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 4510 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3620 Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	<b>ART</b>	<b>4600</b>	<b>Interior Architecture Studio V</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3620 Continued intermediate studies in professional interior architecture studio practices. This studio builds upon the prior IA studio courses, and increases in complexity and scale. Design investigations include research, programming, analysis, theory, ideation and conceptualization, schematic design, project evaluation, refinement, materials, finishes, detailing, furnishings, lighting, communication graphics, and formal presentation. Topics vary based on current social and aesthetic issues that may include commercial, institutional, and/or residential design typologies. Students must maintain a computer workstation in the studio. This is the third IA studio in a sequence of six. Students must also maintain a C average or higher to remain an Interior Architecture Major. Special Fee.									
FAR	ART	<b>ART</b>	<b>4610</b>	<b>Interior Architecture Seminar III</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 3620 and 3630 and (4600 concurrent) Discussion and presentation of theories, concepts, and skills related to 401. Students must maintain a computer in the design studio.									
FAR	ART	<b>ART</b>	<b>4620</b>	<b>Senior Seminar--Professional Evaluation</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ART 2920 Provides opportunity for students to demonstrate personal growth by sharing experiences in verbal and written form with faculty and fellow students.									
FAR	ART	<b>ART</b>	<b>4630</b>	<b>Design Issues &amp; Contemporary Practices: Research, Programming &amp; Thesis Preparation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ART 4600 and 4610) or concurrent Research methodologies and programming as related to interior architecture. Related topics include behavior-environment relationships, study of precedents in design typologies, and foundations in design appropriateness. Work in class directly relates to the development of project statement, program, research, and analysis for senior thesis project.									
FAR	ART	<b>ART</b>	<b>4900</b>	<b>Studio Art Topics</b>	LEC	LE	4	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: two 3000-level studio art courses and Sr Addresses topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) 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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>4920</b>	<b>Service Learning in the Visual Arts</b>	PRA	PR	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required and ART major and Sr only							
		COURSE DESC:		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	IS	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required and ART major and Sr only							
		COURSE DESC:		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>	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	BFA major and Sr only							
		COURSE DESC:		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>	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	BFA major and Sr only							
		COURSE DESC:		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>	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	BFA major and Sr only							
		COURSE DESC:		Completion and installation of BFA Exhibition. Requirement for all studio majors.									
FAR	ART	<b>ART</b>	<b>4954</b>	<b>Graphic Design Practicum</b>	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 3520 and Sr only							
		COURSE DESC:		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>	LAB	LB	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 3520 and Sr only							
		COURSE DESC:		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>	LEC	LE	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 3520 and Sr only							
		COURSE DESC:		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>	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4958</b>	<b>Interior Architecture VI: Thesis Studio</b>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		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>BA Studio Art Practicum</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BA Studio Art major and (2 courses in studio art at 3000 or 4000 level) and Sr							
		COURSE DESC:		A capstone experience for BA studio art majors. Students will learn more about career possibilities in the arts and how to market their skills based on their career goals. This course includes a capstone project that can take the form of a research paper, publication/book, or community project/exhibition that synthesizes the interdisciplinary work and research developed throughout the course of the BA studio art program.									
FAR	ART	<b>ART</b>	<b>4960</b>	<b>BA Studio Art Practicum</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BA Studio Art major and (2 courses in studio art at 3000 or 4000 level) and Sr							
		COURSE DESC:		A capstone experience for BA studio art majors. Students will learn more about career possibilities in the arts and how to market their skills based on their career goals. This course includes a capstone project that can take the form of a research paper, publication/book, or community project/exhibition that synthesizes the interdisciplinary work and research developed throughout the course of the BA studio art program.									
FAR	ART	<b>ART</b>	<b>4970T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial on studio art topics.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>4980T</b>	<b>Studio Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	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>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	SEM	SE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5310</b>	<b>Sculpture</b>	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5320</b>	<b>Sculpture II</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5310							
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>5320</b>	<b>Sculpture II</b>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5310 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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5310 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>	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5410</b>	<b>Printmaking</b>	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5420</b>	<b>Printmaking II</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5410 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>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5410 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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5410 Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.									
FAR	ART	<b>ART</b>	<b>5510</b>	<b>Graphic Design I</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Grad Standing 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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Grad Standing 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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5510 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5510 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>	LAB	LB	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	LE	4	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>5640</b>	<b>History of Furniture and Interiors I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>5640</b>	<b>History of Furniture and Interiors I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5650</b>	<b>History of Furniture and Interiors II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5710</b>	<b>Painting</b>	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5720</b>	<b>Painting II</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LAB	LB	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5810</b>	<b>Photography</b>	LEC	EL	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5810</b>	<b>Photography</b>	LEC	LE	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content will vary.									
FAR	ART	<b>ART</b>	<b>5820</b>	<b>Photography II</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5920</b>	<b>Service Learning in the Visual Arts</b>	PRA	PR	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Gives students opportunities to make meaningful connections between studio art and design practice and service. Students may engage in field experiences that involve providing art instruction in an institutional environment or working in collaborative art or design settings. Students will be introduced to the range of issues faced by studio artists and designers who choose to work in a service capacity.									
FAR	ART	<b>ART</b>	<b>5922</b>	<b>Museum Fundamentals II - Practicum</b>	PRA	PR	3	0		I	G40		0
		ELIGIBLE GRADES:		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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	ART	<b>ART</b>	<b>5930</b>	<b>Independent Study-Projects</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Independent research projects will vary with each offering.									
FAR	ART	<b>ART</b>	<b>5932</b>	<b>Independent Study-Readings</b>	IND	EL	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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>5932</b>	<b>Independent Study-Readings</b>	IND	IS	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Readings, discussions, and presentations exploring relationship between various visual arts disciplines.									
FAR	ART	<b>ART</b>	<b>6010</b>	<b>Thesis Proposal Seminar</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Prepares students to become effective speakers and writers of thesis project proposals.									
FAR	ART	<b>ART</b>	<b>6020</b>	<b>Professional Practices</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		The goal of this course is to equip third- and second-year studio graduate students with the necessary skill sets in designing, editing, and marketing their professional presentation toward expanding the possibilities and effectiveness of their use in post-graduate applications.									
FAR	ART	<b>ART</b>	<b>6200</b>	<b>Ceramics Seminar</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5220							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6210</b>	<b>Ceramics III</b>	LEC	EL	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5220							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6210</b>	<b>Ceramics III</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5220							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6220</b>	<b>Ceramics IV</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 6210							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6220</b>	<b>Ceramics IV</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 6210							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6300</b>	<b>Sculpture Seminar</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5320							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6310</b>	<b>Sculpture III</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 5320							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6320</b>	<b>Sculpture IV</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 6310							
		COURSE DESC:		Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6320</b>	<b>Sculpture IV</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ART 6310							
		COURSE DESC:		Development of concepts leading toward studio thesis.									



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FAR	ART	<b>ART</b>	<b>6400</b>	<b>Printmaking Seminar</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Discussions, readings, presentations, and papers on topics of specific interest and concern to printmakers.									
FAR	ART	<b>ART</b>	<b>6400</b>	<b>Printmaking Seminar</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5420 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6410</b>	<b>Printmaking III</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5420 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6420</b>	<b>Printmaking IV</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6410 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6420</b>	<b>Printmaking IV</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6410 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6500</b>	<b>Graphic Design Seminar</b>	LEC	LE	4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5520 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>	LAB	LB	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5520 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>	LEC	LE	4 to 9	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5520 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>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Discussions, readings, presentations, and papers related to developments in recent painting.									
FAR	ART	<b>ART</b>	<b>6700</b>	<b>Painting Seminar</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Discussions, readings, presentations, and papers related to developments in recent painting.									
FAR	ART	<b>ART</b>	<b>6710</b>	<b>Painting III</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5720 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6710</b>	<b>Painting III</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5720 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6720</b>	<b>Painting IV</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6710 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6720</b>	<b>Painting IV</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6710 Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6800</b>	<b>Photography Seminar</b>	SEM	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6800</b>	<b>Photography Seminar</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Readings, research, presentations, papers, discussions, field trips, and lectures concerning specific issues of interest to artists working with photographic media.									

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FAR	ART	<b>ART</b>	<b>6810</b>	<b>Photography III</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5820									
				Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6810</b>	<b>Photography III</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 5820									
				Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6820</b>	<b>Photography IV</b>	LAB	LB	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6810									
				Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6820</b>	<b>Photography IV</b>	LEC	LE	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: ART 6810									
				Development of concepts leading toward studio thesis.									
FAR	ART	<b>ART</b>	<b>6900</b>	<b>Special Topics in Art</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
FAR	ART	<b>ART</b>	<b>6900</b>	<b>Special Topics in Art</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
FAR	ART	<b>ART</b>	<b>6950</b>	<b>Studio Art Written Thesis</b>	THE	TH	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Written studio art thesis.									
FAR	ART	<b>ART</b>	<b>7960</b>	<b>MFA Studio Thesis</b>	LEC	LE	3 to 15	36		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Seminar content will vary.									
FAR	ART	<b>T3</b>	<b>4600</b>	<b>Visual Culture Studies</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tier II completed and Sr only									
				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	DFT	<b>DANC</b>	<b>1010</b>	<b>Intro to Modern Dance</b>	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduces students to the genre of dance known as modern dance technique. Students develop an understanding of movement in relation to space, time, and energy through movement practice and experimentation and become familiar with body awareness, movement control, body parts, placement, and the kinesthetic sense. Critical thinking on dance as art is developed through class discussion of live dance performances and classroom movement projects utilizing knowledge gained.									
FAR	DFT	<b>DANC</b>	<b>1020</b>	<b>Intro to Dance Ballet</b>	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introductory in the basic movement vocabulary and style of classical ballet technique. Classes consist of barre work and center floor work that develops strength, flexibility, and coordination. Ballet movement skills may be taught in the Cecchetti, Russian, or French style and will emphasize proper body alignment/placement, feet and arm positions, and movement combinations that utilize the classical ballet movements learned in class.									
FAR	DFT	<b>DANC</b>	<b>1040</b>	<b>Intro to Dance Jazz I</b>	STU	ST	1	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introduction to jazz dance techniques and jazz dance styles. Emphasis will be placed on developing basic jazz skills that serve as the foundation for all styles of jazz dance from vernacular through hip-hop. Students will learn the dance vocabulary that is specific to jazz dance and that incorporates strength, flexibility, coordination, and rhythmic awareness.									
FAR	DFT	<b>DANC</b>	<b>1050</b>	<b>Introduction to African Dance Technique</b>	STU	ST	1.5	3		N	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		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 dance types from 6 different ethnic groups. No prior African dance experience in necessary.									
FAR	DFT	<b>DANC</b>	<b>1110</b>	<b>Music for Dance I</b>	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dance major or minor Nature and principles of rhythmic structure in dance and music.									
FAR	DFT	<b>DANC</b>	<b>1110</b>	<b>Music for Dance I</b>	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dance major or minor Nature and principles of rhythmic structure in dance and music.									
FAR	DFT	<b>DANC</b>	<b>1210</b>	<b>Modern Dance Technique I</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>1211</b>	<b>Modern Dance Technique II</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		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.									
FAR	DFT	<b>DANC</b>	<b>1220</b>	<b>Ballet Technique I</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dance major or minor Introduction to ballet and the development of basic technical skills within the classical ballet tradition. Execution of basic ballet vocabulary with an emphasis on classical line.									
FAR	DFT	<b>DANC</b>	<b>1221</b>	<b>Ballet Technique II</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1220 Continuation of 1220. Introduction to ballet and the development of basic technical skills within the classical ballet tradition. Execution of basic ballet vocabulary with an emphasis on classical line.									
FAR	DFT	<b>DANC</b>	<b>1230</b>	<b>Beginning Dance Composition I</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dance major or minor Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	<b>DANC</b>	<b>1230</b>	<b>Beginning Dance Composition I</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dance major or minor Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	<b>DANC</b>	<b>1231</b>	<b>Beginning Dance Composition II</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Continuation of 1230. Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									

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FAR	DFT	<b>DANC</b>	<b>1231</b>	<b>Beginning Dance Composition II</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Continuation of 1230. Exploration of movement materials through improvisation and short problems dealing with rhythm, space, movement qualities, and dynamics.									
FAR	DFT	<b>DANC</b>	<b>1240</b>	<b>Jazz Dance Technique I</b>	STU	ST	1.5	3		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Beginning through intermediate level instruction in various styles of jazz dance including the use of proper technique, performance quality, and rhythmic complexity. Development of movement skills from various styles of jazz through using a series of challenging exercises and movement phrases to improve technique and to build strength, stamina, and performance quality.									
FAR	DFT	<b>DANC</b>	<b>1250</b>	<b>African Dance Technique I</b>	STU	ST	1.5	3		N	U10		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to traditional dances of Africa. Will focus on developing a balanced practical, and theoretical understanding of the dances and related traditional rhythms and songs. It will explore basic African dance movements coming from secular and social dances, focusing on their quality, timing and spatial organization. Over the course of 14 weeks the students will learn approximately 6 different dance types from 6 different ethnic groups. No prior African dance experience is necessary.									
FAR	DFT	<b>DANC</b>	<b>1700</b>	<b>The Dance Experience</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		A comprehensive course to introduce the beginning student to contemporary and classical dance forms including modern, ballet, and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to students' experiential learning.									
FAR	DFT	<b>DANC</b>	<b>1700</b>	<b>The Dance Experience</b>	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		A comprehensive course to introduce the beginning student to contemporary and classical dance forms including modern, ballet, and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to students' experiential learning.									
FAR	DFT	<b>DANC</b>	<b>1801</b>	<b>Dance Production I</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		The objective is to participate in as many capacities as possible; in all SOD performances this semester and to gain first hand experience of the process. Focuses on developing skills that will be useful in all aspects of Dance Production. Students will have the opportunity to increase their breadth of knowledge of dance production terminology and practice. They will have a good deal of practice developing time management skills for the field ( how you prioritize your life around a performance). They will have practice developing teamwork skills- as all concerts are a team effort. Designed for dance major, but non-majors are welcome.									
FAR	DFT	<b>DANC</b>	<b>1801</b>	<b>Dance Production I</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		The objective is to participate in as many capacities as possible; in all SOD performances this semester and to gain first hand experience of the process. Focuses on developing skills that will be useful in all aspects of Dance Production. Students will have the opportunity to increase their breadth of knowledge of dance production terminology and practice. They will have a good deal of practice developing time management skills for the field ( how you prioritize your life around a performance). They will have practice developing teamwork skills- as all concerts are a team effort. Designed for dance major, but non-majors are welcome.									
FAR	DFT	<b>DANC</b>	<b>2010</b>	<b>Dance Technique II Modern</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		A continuation of materials learned in Dance 1010. Students will hone their understanding of modern dance movement in relation to space, time, and energy/effort with increased awareness of rhythm, musicality, and movement phrasing. Movement materials and kinesthetic concepts will be more advanced and built upon the foundational elements of Dance 1010. Live dance performances and class movement projects form the basis of class discussion of dance as an art form.									
FAR	DFT	<b>DANC</b>	<b>2020</b>	<b>Dance Technique II Ballet</b>	STU	ST	1.5	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		A continuation of Dance 1020. Students are expected to be familiar with basic ballet terminology including feet and arm positions, specific ballet steps including adagio and allegro combinations, basic turns and leaps in the classical ballet tradition. Expectations include improved technical movement skills, musical awareness, and introduction to performance qualities of classical ballet.									
FAR	DFT	<b>DANC</b>	<b>2040</b>	<b>Dance Technique II Jazz</b>	STU	ST	1.5	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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	DFT	<b>DANC</b>	<b>2050</b>	<b>African Dance Technique II</b>	STU	ST	1.5	3		N	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Traditional dances of Africa. This is the second course in the series of African dance technique. Students will learn to recognize movements, rhythms, songs, instruments and paraphernalia by country and selected ethnic groups through a practical and theoretical approach. It will explore intermediate African dance movements coming from ceremonial dances, focusing on facial expressions, meaning and execution of movement. Over the course of 14 weeks, students will learn approximately 6 different types of dance types from 6 different ethnic groups. Prior experience in African dance or DANC 1050 is recommended.									
FAR	DFT	<b>DANC</b>	<b>2210</b>	<b>Modern Dance Technique III</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Development of basic technical skills for modern dance. More complex coordinations, which add more spatial and dynamic considerations.									

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FAR	DFT	<b>DANC</b>	<b>2211</b>	<b>Modern Dance Technique IV</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 2210 Continuation of 2210. Development of basic technical skills for modern dance. More complex coordinations, which add more spatial and dynamic considerations.									
FAR	DFT	<b>DANC</b>	<b>2220</b>	<b>Ballet Technique III</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1221 Expanded balletic movement vocabulary with continued emphasis on basic technical skills. Musicality emphasized.									
FAR	DFT	<b>DANC</b>	<b>2221</b>	<b>Ballet Technique IV</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 2220 Continuation of 2220. Expanded balletic movement vocabulary with continued emphasis on basic technical skills. Musicality emphasized.									
FAR	DFT	<b>DANC</b>	<b>2230</b>	<b>Intermediate Dance Composition I</b>	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1231 Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	<b>DANC</b>	<b>2230</b>	<b>Intermediate Dance Composition I</b>	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1231 Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	<b>DANC</b>	<b>2231</b>	<b>Intermediate Dance Composition II</b>	LAB	LB	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 2230 Continuation of 2230. Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	<b>DANC</b>	<b>2231</b>	<b>Intermediate Dance Composition II</b>	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 2230 Continuation of 2230. Choreographic studies to enhance the student's understanding and appreciation of the creative process by developing the concepts of rhythm, space, and dynamics into longer, more detailed studies.									
FAR	DFT	<b>DANC</b>	<b>2235</b>	<b>Dance Improvisation</b>	STU	ST	1.5	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1231 Exploration of choreographic concepts to develop unique, innovative movement vocabularies through the real-time immediacy of improvisation. Develop movement material into spontaneous, performable dances through improvisational structures and scores.									
FAR	DFT	<b>DANC</b>	<b>2240</b>	<b>Jazz Dance Technique II</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1240 and dance major or minor Refinement of jazz dance skills through a more complex series of exercises, spatial progressions, and movement phases. Additional emphasis on performance quality, dynamics, and range of motion. Advanced development of skills that address the demands of pre-professional performance.									
FAR	DFT	<b>DANC</b>	<b>2250</b>	<b>African Dance Technique II</b>	STU	ST	1.5	3		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 1250 and dance major or minor Traditional dances of Africa. Students will learn to recognize movements, rhythms, songs, instruments, and paraphernalia by country and selected ethnic groups through a practical and theoretical approach. Will explore intermediate African dance movements coming from ceremonial dances, focusing on facial expressions, meaning, and execution of movement. Six different dance types from 6 different ethnic groups will be learned.									
FAR	DFT	<b>DANC</b>	<b>2561</b>	<b>Ethnic Dance of Western Cultures</b>	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dances from selected Western cultures with emphasis on style and related folklore.									
FAR	DFT	<b>DANC</b>	<b>2561</b>	<b>Ethnic Dance of Western Cultures</b>	STU	ST	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Dances from selected Western cultures with emphasis on style and related folklore.									
FAR	DFT	<b>DANC</b>	<b>2700</b>	<b>History, Traditions and Languages of Dance</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Art of dance from broad point of view, involving dance viewing, literature, and participation. Deals with aesthetic, physiological, social, and cultural aspects.									
FAR	DFT	<b>DANC</b>	<b>2710</b>	<b>Black Dance Forms</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Familiarizes students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performances, and studio practice contribute to the students' experiential learning.									

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FAR	DFT	<b>DANC</b>	<b>2710</b>	<b>Black Dance Forms</b>	STU	ST	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Familiarizes students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performances, and studio practice contribute to the students' experiential learning.									
FAR	DFT	<b>DANC</b>	<b>2801</b>	<b>Lighting for Dance</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	DANC 1801						
		COURSE DESC:		A course in theatrical lighting for dance presented through lecture/demonstrations, hand-outs, hands-on experiences, self exploration outside of class, field trips and laboratory experiences. Explores and provides practical experiences with the following elements of dance lighting: -Tools of Lighting Design: Angle, Intensity, color, movement -Understanding Dances and Choreographers -Cueing a dance -Stage Management of lighting design -Basic moving lights concepts									
FAR	DFT	<b>DANC</b>	<b>2801</b>	<b>Lighting for Dance</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	DANC 1801						
		COURSE DESC:		A course in theatrical lighting for dance presented through lecture/demonstrations, hand-outs, hands-on experiences, self exploration outside of class, field trips and laboratory experiences. Explores and provides practical experiences with the following elements of dance lighting: -Tools of Lighting Design: Angle, Intensity, color, movement -Understanding Dances and Choreographers -Cueing a dance -Stage Management of lighting design -Basic moving lights concepts									
FAR	DFT	<b>DANC</b>	<b>2900</b>	<b>Special Topics in Dance</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>DANC</b>	<b>2900</b>	<b>Special Topics in Dance</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>DANC</b>	<b>2970T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>2971T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>2980T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>2981T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>3010</b>	<b>Dance Technique III Modern</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	DANC 2010						
		COURSE DESC:		A continuation of materials learned in Dance 2010. An intermediate/advanced level course in modern dance technique this course develops skills in more complex movement phrasing requiring a good background in stationary and traveling dance combinations, physical strength, flexibility and coordination. Live dance performances and class movement projects form the basis of class discussion of dance as an art form. For serious, non-major modern dancers.									
FAR	DFT	<b>DANC</b>	<b>3020</b>	<b>Dance Technique III Ballet</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	DANC 2020						
		COURSE DESC:		A continuation of materials learned in Dance 2020. Emphasis will be placed on mastery of intermediate difficulty movement skills including longer adagio and allegro combinations requiring technical proficiency, musical phrasing and stamina. For serious, non-major ballet dancers.									
FAR	DFT	<b>DANC</b>	<b>3040</b>	<b>Dance Technique III Jazz</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		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.									

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FAR	DFT	<b>DANC</b>	<b>3050</b>	<b>African Dance Technique III</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Traditional dances of Africa. This is the third course in the series of African Dance Technique. Will focus on complex religious and ceremonial dances as performed in their traditional setting. The student will begin to learn how to perform these dances at a professional level. Over the course of 14 weeks the student will learn approximately 6 different dance types from 6 different ethnic groups. Prior experience in African dance of DANC 2050 is recommended.	STU	ST	1.5	3		N	U10		0
FAR	DFT	<b>DANC</b>	<b>3120</b>	<b>Music for Dance II</b> ELIGIBLE GRADES: A-F COURSE DESC: Also for music composition majors who wish to write for dance theater. History of music for dance. Choreographer-composer relationship.	STU	ST	1	2		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3130</b>	<b>Dance Notation I</b> ELIGIBLE GRADES: A-F COURSE DESC: Principles of dance notation.	LEC	LE	3	0		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3150</b>	<b>Laban Movement Analysis</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	LEC	EL	3	0		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3150</b>	<b>Laban Movement Analysis</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	LEC	LE	3	0		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3150</b>	<b>Laban Movement Analysis</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces Laban Movement Analysis (LMA), a research methodology used to identify, describe, and notate movement, based on work of movement theorist Rudolph Laban (1879-1958). Course materials provide a framework for observation and description of movement through identifying its spatial, dynamic and qualitative features. Application of course materials includes use of LMA as a tool in performance coaching, teaching, choreography and as an instrument for recording movement through notation. Includes an introduction to Bartenieff Fundamentals, a movement training approach based on the principles of LMA.	STU	ST	3	0		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3210</b>	<b>Modern Dance Technique V</b> ELIGIBLE GRADES: A-F COURSE DESC: Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.	STU	ST	2	4		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3211</b>	<b>Modern Dance Technique VI</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of 3210. Refinement of technical skills through more complex movement patterns. Additional emphasis on performance, phrasing, dynamics, and spatial concerns.	STU	ST	2	4		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3220</b>	<b>Ballet Technique V</b> ELIGIBLE GRADES: A-F COURSE DESC: Employment of technical skills through more complex balletic patterns and expanded classical vocabulary. Additional emphasis on performance, phrasing, and dynamics.	STU	ST	1.5	3		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3221</b>	<b>Ballet Technique VI</b> ELIGIBLE GRADES: A-F 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.	STU	ST	1.5	3		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3230</b>	<b>Advanced Dance Composition I</b> ELIGIBLE GRADES: A-F COURSE DESC: The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.	LAB	LB	2	4		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3230</b>	<b>Advanced Dance Composition I</b> ELIGIBLE GRADES: A-F COURSE DESC: The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.	LEC	EL	2	4		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3230</b>	<b>Advanced Dance Composition I</b> ELIGIBLE GRADES: A-F COURSE DESC: The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.	LEC	LE	2	4		N	U30		0
FAR	DFT	<b>DANC</b>	<b>3231</b>	<b>Advanced Dance Composition II</b> ELIGIBLE GRADES: A-F 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.	LAB	LB	2	4		N	U30		0

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FAR	DFT	<b>DANC</b>	<b>3231</b>	<b>Advanced Dance Composition II</b>	LEC	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3230 and BFA Dance Major Continuation of 3230. The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	<b>DANC</b>	<b>3231</b>	<b>Advanced Dance Composition II</b>	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3230 and BFA Dance Major Continuation of 3230. The synthesis of choreographic elements, devices, and musical or sound choices into studies having a sense of form and content.									
FAR	DFT	<b>DANC</b>	<b>3250</b>	<b>African Dance Technique III</b>	STU	ST	1.5	3		N	U30		75
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>3280</b>	<b>Dance Repertory</b>	STU	ST	1 to 2	12		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>3300</b>	<b>Dance Kinesology I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>3300</b>	<b>Dance Kinesology I</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>3301</b>	<b>Pilates Reformer Training</b>	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Designed to condition students using resistance training on the Universal Reformer and other Pilates apparatus. Students learn exercise principles and techniques on specialized equipment, focusing on correction of body alignment problems, muscle imbalances, strength, and flexibility.									
FAR	DFT	<b>DANC</b>	<b>3302</b>	<b>Pilates Mat Training</b>	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Pilates Method of Body Conditioning and is appropriate for all levels of movement experience. The precision, control, and focus of the exercises enables students to balance the musculoskeletal system so that they are able to efficiently and safely practice other more rigorous, demanding physical disciplines. Includes laboratory practice of 45 mat exercises that train the muscles to improve body stability and mobility. The Pilates method develops precision coordination and concentration in movement while increasing strength and flexibility. Addresses injury rehabilitation from the perspective of preventive training.									
FAR	DFT	<b>DANC</b>	<b>3303</b>	<b>Bartenieff Fundamentals</b>	STU	ST	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Provides the student with an experiential approach to movement as a somatic (from soma, meaning body) study experience. Addresses Irmgard Bartenieff's (1890-1981) work, Basic Six Fundamentals exercises, their relationship to the Bonnie Bainbridge Cohen's six Developmental Patterns and enhancing one's movement facility through an approach based on these materials.  Fundamentals provides a framework for movement training through 1) open exploration, 2) discovery, 3) observation and 4) practice. Class work is designed to address common dance and non-dance movement issues.									
FAR	DFT	<b>DANC</b>	<b>3304</b>	<b>Yoga: Principles and Practice</b>	STU	ST	1	8		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>3360</b>	<b>Dance Movement Lab</b>	STU	ST	.5 to 5	10		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Addresses individual problems related to the production of movement. Means to augment physical function and expand the qualitative range of the mover are explored.									
FAR	DFT	<b>DANC</b>	<b>3405</b>	<b>Dance Pedagogy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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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COURSE LISTING  
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FAR	DFT	<b>DANC</b>	<b>3405</b>	<b>Dance Pedagogy</b>	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Principles of teaching dance and their practical application for children and adults. Focus is on what "pedagogy" means and how it differs from curriculum and lesson planning. Includes lecture, discussion, and observation of studio dance classes in several different genres.									
FAR	DFT	<b>DANC</b>	<b>3550</b>	<b>Dance Cultures of the World I</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to dance cultures of world (excluding Western art dance). Function of dance in society and its relationship to other arts.									
FAR	DFT	<b>DANC</b>	<b>3550</b>	<b>Dance Cultures of the World I</b>	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to dance cultures of world (excluding Western art dance). Function of dance in society and its relationship to other arts.									
FAR	DFT	<b>DANC</b>	<b>3801</b>	<b>Dance Production II</b>	LAB	LB	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		The objective is to participate in as many capacities as possible, on all SOD performances this semester, and to gain experience building upon Dance 1801. Focuses on continued development of production skills in all aspects of Dance Production. You will have the opportunity to increased your breadth of knowledge of dance production terminology and practice. You will be assigned a "major job" as a department head for a concert this semester, and will experience all the duties, responsibilities, and techniques of that position. You will have practice developing your teamwork skills, as the leader of a team-- as all concerts are a team effort. Designed for dance majors, but non-majors are welcome.									
FAR	DFT	<b>DANC</b>	<b>3970T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>3980T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>4010</b>	<b>Dance Technique IV Modern</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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	DFT	<b>DANC</b>	<b>4020</b>	<b>Dance Technique IV Ballet</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		A continuation of materials learned in Dance 3020. Focus will be on upper intermediate technical skills requiring thorough knowledge of ballet vocabulary, directions, and stylistic concerns. May draw on classical ballet movement from the Cecchetti, Russian, French or Contemporary ballet styles. For serious, non-major ballet dancers.									
FAR	DFT	<b>DANC</b>	<b>4040</b>	<b>Dance Technique IV Jazz</b>	STU	ST	1.5	3		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		A continuation of materials learned in Dance 3040. Students are expected to be upper intermediate level jazz dancers. Will hone technical jazz dance skills beyond those of the previous course and develop strong performance qualities in several different styles of jazz dance. Combinations will be longer and more challenging in terms of strength, range of motion, rhythm, and aesthetic point of view. For serious, non-major jazz dancers.									
FAR	DFT	<b>DANC</b>	<b>4210</b>	<b>Modern Dance Technique VII</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Employment of technical skill to address the more subtle demands of performance focus, projection, expressivity, and dynamic range.									
FAR	DFT	<b>DANC</b>	<b>4211</b>	<b>Modern Dance Technique VIII</b>	STU	ST	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Continuation of 4210. Employment of technical skill to address the more subtle demands of performance focus, projection, expressivity, and dynamic range.									
FAR	DFT	<b>DANC</b>	<b>4220</b>	<b>Ballet Technique VII</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Employment of technical skills and performance demands within the classical ballet tradition at the advanced level.									
FAR	DFT	<b>DANC</b>	<b>4221</b>	<b>Ballet Technique VIII</b>	STU	ST	1.5	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Continuation of 4220. Employment of technical skills and performance demands within the classical ballet tradition at the advanced level.									

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FAR	DFT	<b>DANC</b>	<b>4300</b>	<b>Dance Kinesiology II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3300 or 331 Develops the concept of fitness in practice and theory as applied to dance. Strength, flexibility, aerobic conditioning, and relaxation as a part of the fitness continuum are explored through a variety of approaches to creating and attaining fitness goals. Helps students develop ability to construct anatomically and physiologically appropriate dance class material supported by knowledge of various somatic practices used as adjunct training disciplines in dance. Will survey somatic disciplines as they apply to dance conditioning and professional training. You will experience a selected range of somatic practices through in-class guided practice.									
FAR	DFT	<b>DANC</b>	<b>4300</b>	<b>Dance Kinesiology II</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3300 or 331 Develops the concept of fitness in practice and theory as applied to dance. Strength, flexibility, aerobic conditioning, and relaxation as a part of the fitness continuum are explored through a variety of approaches to creating and attaining fitness goals. Helps students develop ability to construct anatomically and physiologically appropriate dance class material supported by knowledge of various somatic practices used as adjunct training disciplines in dance. Will survey somatic disciplines as they apply to dance conditioning and professional training. You will experience a selected range of somatic practices through in-class guided practice.									
FAR	DFT	<b>DANC</b>	<b>4410</b>	<b>Teaching Dance I (Children)</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	<b>DANC</b>	<b>4410</b>	<b>Teaching Dance I (Children)</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	<b>DANC</b>	<b>4410</b>	<b>Teaching Dance I (Children)</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for children pre-K through age 12.									
FAR	DFT	<b>DANC</b>	<b>4420</b>	<b>Teaching Dance II (Adults)</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for ages 13 and older.									
FAR	DFT	<b>DANC</b>	<b>4420</b>	<b>Teaching Dance II (Adults)</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for ages 13 and older.									
FAR	DFT	<b>DANC</b>	<b>4420</b>	<b>Teaching Dance II (Adults)</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 Principles of teaching dance and their practical application for ages 13 and older.									
FAR	DFT	<b>DANC</b>	<b>4550</b>	<b>Dance Ethnography: Intellectualizing the Body's Motion</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Surveys a wide range of theoretical approaches to the study of dance from an ethnological perspective: dance as a system of communication, social structure, ethnicity, and sacred art. Methodologies used are developed in the fields of symbolic anthropology, social, history, ethnochoreology, ethnomusicology, comparative religious, and performance studies. Gathering ethnographic material, ethical dynamics of fieldwork encounters, and duties of the dance ethnographer as a cultural mediator are explored.									
FAR	DFT	<b>DANC</b>	<b>4710</b>	<b>Histories of Modern and Postmodern Choreography and Practice</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.									
FAR	DFT	<b>DANC</b>	<b>4711</b>	<b>Dance, Sexuality and Gender</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.									
FAR	DFT	<b>DANC</b>	<b>4750</b>	<b>Dance in Non-Western Expressive Cultures</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>4750</b>	<b>Dance in Non-Western Expressive Cultures</b>	STU	ST	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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.									

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FAR	DFT	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b>	LAB	LB	3	6	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3231 and Sr only									
				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.									
FAR	DFT	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b>	SEM	SE	3	6	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3231 and Sr only									
				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.									
FAR	DFT	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b>	STU	ST	3	6	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3231 and Sr only									
				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.									
FAR	DFT	<b>DANC</b>	<b>4830</b>	<b>Dance Choreography and Video Techniques</b>	LEC	LE	1.5	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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	DFT	<b>DANC</b>	<b>4830</b>	<b>Dance Choreography and Video Techniques</b>	STU	ST	1.5	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				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	DFT	<b>DANC</b>	<b>4900</b>	<b>Special Topics in Dance</b>	LEC	EL	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									
FAR	DFT	<b>DANC</b>	<b>4900</b>	<b>Special Topics in Dance</b>	LEC	LE	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									
FAR	DFT	<b>DANC</b>	<b>4904</b>	<b>Special Topics in Dance - Capstone</b>	SEM	SE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Special topics relating to the choreography, technique, production elements, pedagogy of dance, dance science and somatics, or aesthetics of historical or contemporary dance forms. The capstone course for the BA dance degree - topic is selected according to the track/special area of study of each BA degree student and the faculty teaching the course.									
FAR	DFT	<b>DANC</b>	<b>4904</b>	<b>Special Topics in Dance - Capstone</b>	STU	ST	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Special topics relating to the choreography, technique, production elements, pedagogy of dance, dance science and somatics, or aesthetics of historical or contemporary dance forms. The capstone course for the BA dance degree - topic is selected according to the track/special area of study of each BA degree student and the faculty teaching the course.									
FAR	DFT	<b>DANC</b>	<b>4910</b>	<b>Dance Internship</b>	FLD	FE	.5 to 3	32		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Maximum of 32 credits may be taken.									
				Provides credit for internship experience in which some dance majors may participate. Internship allows individual to gain actual experience in field of dance and related areas, e.g., apprentice/performing, technical production, and arts administration.									
FAR	DFT	<b>DANC</b>	<b>4924</b>	<b>Practicum in Teaching Dance</b>	PRA	PR	1 to 2	8		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DANC 3405 and (4410 or 441 or 4420)									
				Student teaching under supervision.									
FAR	DFT	<b>DANC</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Independent study in dance studies with content determined by faculty-student contract.									
FAR	DFT	<b>DANC</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Independent study in dance studies with content determined by faculty-student contract.									
FAR	DFT	<b>DANC</b>	<b>4970T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				Honors Tutorial on topics in Dance Studies.									
FAR	DFT	<b>DANC</b>	<b>4980T</b>	<b>Dance Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC									
				Honors Tutorial on topics in Dance Studies.									

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FAR	DFT	<b>DANC</b>	<b>5300</b>	<b>Dance Kinesiology I</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	<b>DANC</b>	<b>5300</b>	<b>Dance Kinesiology I</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Introduces basic concepts of the study of the body through an overview of: the anatomy of breathing; the musculo-skeletal system; basic principles of kinesiology and their relationship to fitness training; the nature of stress and benefits of relaxation training. A somatic (body/mind) approach to the course materials draws on experiential activities to enhance conceptual and factually based materials. Explores skeletal alignment, muscular development and function, and mechanical efficiency in the production of dance movement.									
FAR	DFT	<b>DANC</b>	<b>5301</b>	<b>Pilates Reformer Training</b>	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Designed to condition students using resistance training on the Universal Reformer and other Pilates apparatus. Students learn exercise principles and techniques on specialized equipment, focusing on correction of body alignment problems, muscle imbalances, strength, and flexibility.									
FAR	DFT	<b>DANC</b>	<b>5302</b>	<b>Pilates Mat Training</b>	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Instructs students in the proper form and execution of beginning through intermediate level non-equipment based exercises performed on an exercise mat. It is the principle segment of training in the comprehensive Pilates Method of Body Conditioning and is appropriate for all levels of movement experience. The precision, control and focus of the exercises enables students to balance the musculoskeletal system so that they are able to efficiently and safely practice other more rigorous, demanding physical disciplines. Includes laboratory practice of 45 mat exercises that train the muscles to improve body stability and mobility. The Pilates method develops precision coordination and concentration in movement while increasing strength and flexibility. Addresses injury rehabilitation from the perspective of preventive training.									
FAR	DFT	<b>DANC</b>	<b>5303</b>	<b>Bartheleff Fundamentals</b>	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides the student with an experiential approach to movement as a somatic (from soma, meaning body) study experience. Addresses Irmgard Bartheleff's (1890-1981) work, Basic Six Fundamentals exercises, their relationship to the Bonnie Bainbridge Cohen's six Developmental Patterns and enhancing ones movement facility through an approach based on these materials.									
				Fundamentals provides a framework for movement training through 1) open exploration, 2) discovery, 3) observation and 4) practice. Class work is designed to address common dance and non-dance movement issues.									
FAR	DFT	<b>DANC</b>	<b>5304</b>	<b>Yoga: Principles and Practice</b>	STU	ST	1	4		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to yoga, particularly the practices of asanas (poses), vinyasas (sequences), and pranayama (breathing techniques). Emphasizes developing a personal practice, sequencing poses and counterposes to promote safety, and practicing pranayama and meditation to improve concentration and body awareness. Readings and class discussions will provide an understanding of the history and philosophy of yoga. No yoga experience is required, but some movement background is helpful.									
FAR	DFT	<b>DANC</b>	<b>5360</b>	<b>Dance Movement Laboratory</b>	STU	ST	.5 to 5	5		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Investigation of individual problems and capacities related to the production of movement. Explores the means to improve efficiency and expand qualitative range of the mover through application of specific somatic modalities.									
FAR	DFT	<b>DANC</b>	<b>5550</b>	<b>Dance Ethnography: Intellectualizing the Body's Motion</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Surveys a wide range of theoretical approaches to the study of dance from an ethnological perspective: dance as a system of communication, social structure, ethnicity, and sacred art. Methodologies used are developed in the fields of symbolic anthropology, social, history, ethnochoreology, ethnomusicology, comparative religious, and performance studies. Gathering ethnographic material, ethical dynamics of fieldwork encounters, and duties of the dance ethnographer as a cultural mediator are explored.									
FAR	DFT	<b>DANC</b>	<b>5710</b>	<b>Histories of Modern &amp; Post Modern Choreography and Practice</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.									
FAR	DFT	<b>DANC</b>	<b>5710</b>	<b>Histories of Modern &amp; Post Modern Choreography and Practice</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.									
FAR	DFT	<b>DANC</b>	<b>5711</b>	<b>Dance, Sexuality and Gender</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>DANC</b>	<b>5711</b>	<b>Dance, Sexuality and Gender</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		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	DFT	<b>DANC</b>	<b>5900</b>	<b>Special Topics in Dance</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									
FAR	DFT	<b>DANC</b>	<b>5900</b>	<b>Special Topics in Dance</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Special topics relating to the lighting production elements and aesthetics of historical or contemporary dance forms.									
FAR	DFT	<b>DANC</b>	<b>6900</b>	<b>Special Topics in Dance</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
FAR	DFT	<b>DANC</b>	<b>6900</b>	<b>Special Topics in Dance</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
FAR	DFT	<b>DANC</b>	<b>6910</b>	<b>Dance Internship</b>	FLD	FE	1 to 8	32		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Provides credit for internship experience. Internship allows individual to gain real experience in field of dance and related areas, e.g., arts administration, apprentice/performing or choreography, and technical production.									
FAR	DFT	<b>DANC</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 10	20		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Seminar contents varies.									
FAR	DFT	<b>FILM</b>	<b>2010</b>	<b>Introduction to Film: History of World Cinema</b>	DIS	DI	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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	DFT	<b>FILM</b>	<b>2010</b>	<b>Introduction to Film: History of World Cinema</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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	DFT	<b>FILM</b>	<b>2020</b>	<b>Introduction to Film: Film Analysis</b>	DIS	DI	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to film analysis, with emphasis on formal aspects of film art such as sound, lighting, mise-en-scene, etc. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>2020</b>	<b>Introduction to Film: Film Analysis</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to film analysis, with emphasis on formal aspects of film art such as sound, lighting, mise-en-scene, etc. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>2030</b>	<b>Introduction to Film: The Documentary</b>	DIS	DI	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: A historical survey of the documentary film. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>2030</b>	<b>Introduction to Film: The Documentary</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: A historical survey of the documentary film. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>2900</b>	<b>Special Topics in Film</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>2900</b>	<b>Special Topics in Film</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>2970T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Tutorial for HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	<b>FILM</b>	<b>2980T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	HTC						
		COURSE DESC:		Tutorial for HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	<b>FILM</b>	<b>3333</b>	<b>Dramatic Writing Forms and Genres</b>	LEC	EL	3	0		N	U30		60
		ELIGIBLE GRADES:		A-F		REQUISITE:	FILM 2010 and THAR 2510						
		COURSE DESC:		This course will provide a survey and analysis of dramatic writing forms and genres across major dramatic media from adaptations, plays, feature-length screenplays, short screenplays, half-hour sitcoms, prime-time one-hour network and pay-cable dramas and "dramedies," the "limited series" and dramatic series available on internet venues. Central to the course will be a study of comparative dramatic structures, genres, conventions, styles and modes of storytelling.									
FAR	DFT	<b>FILM</b>	<b>3333</b>	<b>Dramatic Writing Forms and Genres</b>	LEC	LE	3	0		N	U30		60
		ELIGIBLE GRADES:		A-F		REQUISITE:	FILM 2010 and THAR 2510						
		COURSE DESC:		This course will provide a survey and analysis of dramatic writing forms and genres across major dramatic media from adaptations, plays, feature-length screenplays, short screenplays, half-hour sitcoms, prime-time one-hour network and pay-cable dramas and "dramedies," the "limited series" and dramatic series available on internet venues. Central to the course will be a study of comparative dramatic structures, genres, conventions, styles and modes of storytelling.									
FAR	DFT	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3400</b>	<b>Film Techniques</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.									
FAR	DFT	<b>FILM</b>	<b>3400</b>	<b>Film Techniques</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.									
FAR	DFT	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	LAB	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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	DFT	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	LAB	LB	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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	DFT	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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	DFT	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	LAB	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	LAB	LB	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>3910</b>	<b>Film Internship</b>	FLD	FE	1 to 15	60		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Participation by sophomores or juniors in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	<b>FILM</b>	<b>3970T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial for junior-level HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	<b>FILM</b>	<b>3980T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Tutorial for junior-level HTC students addressing specific filmmaking or film studies topics. Subject matter arranged by tutorial student(s) in consultation with School of Film tutorial advisor. A tutorial consists either of one-on-one or a small group seminar. Such a setting provides the type of individualized attention and academic challenge capable of stimulating the intellectual growth of talented and creative HTC students. A tutorial is meant to be an ongoing conversation in which the tutor and tutee(s) move through the academic landscape of a particular topic.									
FAR	DFT	<b>FILM</b>	<b>4210</b>	<b>International Film I</b>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4210</b>	<b>International Film I</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4220</b>	<b>International Film II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4220</b>	<b>International Film II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									

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FAR	DFT	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	LAB	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4440</b>	<b>Media Arts Management</b>	LAB	LB	3	21		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	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.									
FAR	DFT	<b>FILM</b>	<b>4510</b>	<b>Film Theory I</b>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4510</b>	<b>Film Theory I</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4520</b>	<b>Film Theory II</b>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4520</b>	<b>Film Theory II</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>4530</b>	<b>Film Theory III</b>	LAB	LB	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4530</b>	<b>Film Theory III</b>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required and (FILM 2010 or 2020 or 2030)							
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>4610</b>	<b>Motion Picture Production I</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 3400							
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.									
FAR	DFT	<b>FILM</b>	<b>4610</b>	<b>Motion Picture Production I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 3400							
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.									
FAR	DFT	<b>FILM</b>	<b>4620</b>	<b>Motion Picture Production II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 4610							
		COURSE DESC:		Intermediate filmmaking class. Continued instruction in basic camera, lighting techniques, and editing techniques. Emphasis will be given to developing proficiency in location sound recording leading to production of sync sound projects.									
FAR	DFT	<b>FILM</b>	<b>4620</b>	<b>Motion Picture Production II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 4610							
		COURSE DESC:		Intermediate filmmaking class. Continued instruction in basic camera, lighting techniques, and editing techniques. Emphasis will be given to developing proficiency in location sound recording leading to production of sync sound projects.									
FAR	DFT	<b>FILM</b>	<b>4710</b>	<b>Film Topics Seminar I</b>	LAB	LB	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>4710</b>	<b>Film Topics Seminar I</b>	LEC	LE	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>4720</b>	<b>Film Topics Seminar II</b>	LAB	LB	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>4720</b>	<b>Film Topics Seminar II</b>	LEC	LE	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 2010 or 2020 or 2030							
		COURSE DESC:		Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>4900</b>	<b>Special Topics in Film</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>4900</b>	<b>Special Topics in Film</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		Participation by seniors in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	DIS	DI	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	DIS	EL	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Permission required Advanced individual creative or scholarly work in film. Topic of study arranged through consultation with faculty member overseeing independent study.									
FAR	DFT	<b>FILM</b>	<b>4940</b>	<b>Individual Production Problems</b>	DIS	DI	1 to 4	40		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Permission required Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	<b>FILM</b>	<b>4940</b>	<b>Individual Production Problems</b>	RSC	RS	1 to 4	40		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Permission required Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	<b>FILM</b>	<b>4941</b>	<b>Individual Readings</b>	DIS	DI	1 to 4	20		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Permission required Readings and reports on works related to motion pictures. Reading list is selected by student in consultation with faculty member.									
FAR	DFT	<b>FILM</b>	<b>4941</b>	<b>Individual Readings</b>	RSC	RS	1 to 4	20		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Permission required Readings and reports on works related to motion pictures. Reading list is selected by student in consultation with faculty member.									
FAR	DFT	<b>FILM</b>	<b>4970T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Tutorial for senior-level HTC students addressing specific filmmaking or film studies topics. The tutorial will specifically address a student's HTC thesis. The thesis project may be a creative or scholarly research project. If the thesis is a creative project, a scholarly paper related to the creative activity is required.									
FAR	DFT	<b>FILM</b>	<b>4980T</b>	<b>Film Tutorial</b>	TUT	TU	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HTC Tutorial for senior-level HTC students addressing specific filmmaking or film studies topics. The tutorial will specifically address a student's HTC thesis. The thesis project may be a creative or scholarly research project. If the thesis is a creative project, a scholarly paper related to the creative activity is required.									
FAR	DFT	<b>FILM</b>	<b>5010</b>	<b>Film Symposium</b>	SEM	SE	1	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Film major Through screenings and/or presentations by faculty, students, or guest speakers, a range of topics in film studies, filmmaking, film education, and career-building will be addressed.									
FAR	DFT	<b>FILM</b>	<b>5050</b>	<b>Technical Toolbox I</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Students will be instructed in the use of various kinds of camera, lighting, and sound equipment. Practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	<b>FILM</b>	<b>5050</b>	<b>Technical Toolbox I</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Students will be instructed in the use of various kinds of camera, lighting, and sound equipment. Practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	<b>FILM</b>	<b>5060</b>	<b>Technical Toolbox II</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Further instruction in the use of various kinds of camera, lighting, and sound equipment. Further practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	<b>FILM</b>	<b>5060</b>	<b>Technical Toolbox II</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Further instruction in the use of various kinds of camera, lighting, and sound equipment. Further practical exploration of the skills required on documentary and narrative film sets.									
FAR	DFT	<b>FILM</b>	<b>5110</b>	<b>Filmmaking I</b>	DIS	DI	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major The first course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of the filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	<b>FILM</b>	<b>5110</b>	<b>Filmmaking I</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major The first course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of the filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	<b>FILM</b>	<b>5120</b>	<b>Filmmaking II</b>	DIS	DI	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5110 The second course in a two-course production sequence for the first-year MFA student. Designed to build a foundation in the practical, technical, and aesthetic aspects of filmmaking process. Production of individual 16mm and/or video projects.									
FAR	DFT	<b>FILM</b>	<b>5120</b>	<b>Filmmaking II</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5110 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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	LAB	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Offers an in-depth examination of the various formal dimensions of film introducing selected key events and movements in film history and selected texts in classical film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5160</b>	<b>Film Aesthetics</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				An advanced introduction to key methodologies, central issues, and debates within the film studies field. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5160</b>	<b>Film Aesthetics</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				An advanced introduction to key methodologies, central issues, and debates within the film studies field. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Analysis of the relationship between film and culture, with emphasis on how cultural meanings influence film aesthetics and the critical assessment of the medium. Particular attention will be given to the narrative films of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				The study of the aesthetics and uses of film and related technologies in the study of Western and non-Western peoples. Particular attention will be given to the documentary and ethnographic films and traditions of specific countries or regions. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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.									

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FAR	DFT	<b>FILM</b>	<b>5250</b>	<b>Sound Techniques</b>	LAB	LB	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Designed to build a foundation in the practical, technical, and aesthetic aspects of sound for the filmmaking process. Emphasis will be given to sound recording equipment and techniques utilized in narrative and documentary filmmaking. The use of sound technology as it pertains to post-production will also be introduced.									
FAR	DFT	<b>FILM</b>	<b>5250</b>	<b>Sound Techniques</b>	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Designed to build a foundation in the practical, technical, and aesthetic aspects of sound for the filmmaking process. Emphasis will be given to sound recording equipment and techniques utilized in narrative and documentary filmmaking. The use of sound technology as it pertains to post-production will also be introduced.									
FAR	DFT	<b>FILM</b>	<b>5260</b>	<b>Advanced Sound Techniques</b>	LAB	LB	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Advanced practice in production sound recording. Advanced practice in post-production sound techniques and sound design including sound effects, music, dubbing, looping, and post-production mixing.									
FAR	DFT	<b>FILM</b>	<b>5260</b>	<b>Advanced Sound Techniques</b>	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major Advanced practice in production sound recording. Advanced practice in post-production sound techniques and sound design including sound effects, music, dubbing, looping, and post-production mixing.									
FAR	DFT	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from the origins through 1940. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5320</b>	<b>Film History II</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5320</b>	<b>Film History II</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5320</b>	<b>Film History II</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History of international cinema from 1940 to the present. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Advanced studies in film history and film historiography. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Advanced studies in film history and film historiography. Weekly screenings.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	LAB	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
FAR	DFT	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
FAR	DFT	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
FAR	DFT	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
FAR	DFT	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	DIS	DI	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	DIS	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major									
				Introduction to the principles of screenwriting with special emphasis on the short narrative film. Through lectures, readings, discussion, critiques, writing exercises and film screenings, the student will develop an understanding of the craft of screenwriting as well as practical knowledge of screenplay structure, formatting, and writing dialogue necessary to develop their own short screenplay.									
FAR	DFT	<b>FILM</b>	<b>5440</b>	<b>Media Arts Management</b>	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Administration, fiscal management, marketing/promotion and media arts programming as applicable to arts management and nonart situations involving similar office/fiscal activities. Practical assignments in association with the Athens International Film and Video Festival.									
FAR	DFT	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	DIS	DI	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5420									
				Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	DIS	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5420									
				Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	LEC	EL	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5420									
				Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	LEC	LE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: FILM 5420									
				Through lectures, readings, discussion, critiques, writing exercises, and film screenings, the course builds on the skills learned in Screenwriting I to enable the student to write a short narrative screenplay for production.									
FAR	DFT	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of classical film theory including Soviet montage theory, realist theory, medium-specific formalism, and early writings on sound cinema. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	LAB	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	LEC	EL	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5530</b>	<b>Film Theory III</b>	LAB	LB	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5530</b>	<b>Film Theory III</b>	LEC	LE	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: A sustained study of key debates in film theory selected by instructor. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>5640</b>	<b>Video Art</b>	LAB	LB	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: An examination of contemporary video, music video, and new media within the context of art.									
FAR	DFT	<b>FILM</b>	<b>5640</b>	<b>Video Art</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: An examination of contemporary video, music video, and new media within the context of art.									
FAR	DFT	<b>FILM</b>	<b>5710</b>	<b>Film Topics Seminar I</b>	LAB	LB	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>5710</b>	<b>Film Topics Seminar I</b>	LEC	LE	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>5720</b>	<b>Film Topics Seminar II</b>	LAB	LB	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>5720</b>	<b>Film Topics Seminar II</b>	LEC	LE	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Investigation of a selected motion picture topic announced in advance of registration. Focus may be scholarly/critical, industry-related, film festival-related, or some other aspect of motion picture production, post-production, or screenwriting. Topics and credit hours vary.									
FAR	DFT	<b>FILM</b>	<b>5750</b>	<b>Directing</b>	LAB	LB	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Film major 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>5750</b>	<b>Directing</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		Intends to provide the student with an understanding of the fundamentals of single-camera motion picture directing. Using directing exercises and lectures, the focus will be on script analysis, acting theory and process, rehearsal techniques, camera placement, and mise-en-scene.									
FAR	DFT	<b>FILM</b>	<b>5810</b>	<b>Digital Editing I</b>	LAB	LB	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		An introduction to digital nonlinear editing techniques and system(s) covering the post-production workflow from logging of footage through capture, editing, and output.									
FAR	DFT	<b>FILM</b>	<b>5810</b>	<b>Digital Editing I</b>	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		An introduction to digital nonlinear editing techniques and system(s) covering the post-production workflow from logging of footage through capture, editing, and output.									
FAR	DFT	<b>FILM</b>	<b>5820</b>	<b>Digital Editing II</b>	LAB	LB	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5810							
		COURSE DESC:		Participants will extend their knowledge of the editorial tool set, professional video standards, terminology, and aesthetics of editing.									
FAR	DFT	<b>FILM</b>	<b>5820</b>	<b>Digital Editing II</b>	LEC	LE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5810							
		COURSE DESC:		Participants will extend their knowledge of the editorial tool set, professional video standards, terminology, and aesthetics of editing.									
FAR	DFT	<b>FILM</b>	<b>5900</b>	<b>Special Topics in Film</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>5900</b>	<b>Special Topics in Film</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>5910</b>	<b>Internship</b>	FLD	FE	1 to 15	45		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Permission required							
		COURSE DESC:		Participation in an official or formal program to provide practical experience in different aspects of the film profession.									
FAR	DFT	<b>FILM</b>	<b>6110</b>	<b>2nd Year Productions I</b>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		The first course in a two-semester sequence where the second-year MFA student develops and completes the creative 2nd Year Portfolio.									
FAR	DFT	<b>FILM</b>	<b>6120</b>	<b>2nd Year Productions II</b>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 6110							
		COURSE DESC:		The second course in a two-semester sequence where the second-year MFA student develops and completes the creative 2nd Year Portfolio.									
FAR	DFT	<b>FILM</b>	<b>6140</b>	<b>Documentary Production Techniques</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Focuses on production practice in documentary ranging from project development through post-production. Case studies focus on the documentarian's process from inception to development to production and finally through post-production. Fundraising and ethical issues are also considered.									
FAR	DFT	<b>FILM</b>	<b>6140</b>	<b>Documentary Production Techniques</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Focuses on production practice in documentary ranging from project development through post-production. Case studies focus on the documentarian's process from inception to development to production and finally through post-production. Fundraising and ethical issues are also considered.									
FAR	DFT	<b>FILM</b>	<b>6330</b>	<b>International Film Seminar I</b>	SEM	SE	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>6340</b>	<b>International Film Seminar II</b>	SEM	SE	3 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Advanced topics in film scholarship. Weekly screenings.									
FAR	DFT	<b>FILM</b>	<b>6430</b>	<b>Advanced Screenwriting</b>	SEM	EL	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5420							
		COURSE DESC:		Seminar/tutorial approach to the study of advanced problems in writing the feature length narrative screenplay.									
FAR	DFT	<b>FILM</b>	<b>6430</b>	<b>Advanced Screenwriting</b>	SEM	SE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5420							
		COURSE DESC:		Seminar/tutorial approach to the study of advanced problems in writing the feature length narrative screenplay.									

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FAR	DFT	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	LAB	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study for screenwriters and directors of dramatic and filmic structure in contemporary and classic narrative film. Lectures and screenings facilitate the study of dramatic action, characterization, plot, theme, scene structure, and dialogue.									
FAR	DFT	<b>FILM</b>	<b>6450</b>	<b>Adaptation for the Screen</b>	SEM	SE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5420							
		COURSE DESC:		Studies the many different types of screen adaptations including theater, literature, biography, and news reports. Students will identify a work they wish to adapt and will undertake writing the adaptation.									
FAR	DFT	<b>FILM</b>	<b>6500</b>	<b>Cinematography</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		A workshop in cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.									
FAR	DFT	<b>FILM</b>	<b>6500</b>	<b>Cinematography</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		A workshop in cinematographic techniques. Specific attention will be paid to use of the camera and interior lighting.									
FAR	DFT	<b>FILM</b>	<b>6510</b>	<b>Advanced Cinematography</b>	LAB	LB	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Further study in the art and craft of cinematography.									
FAR	DFT	<b>FILM</b>	<b>6510</b>	<b>Advanced Cinematography</b>	LEC	LE	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Further study in the art and craft of cinematography.									
FAR	DFT	<b>FILM</b>	<b>6650</b>	<b>Producing</b>	LEC	LE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		Examination of function of producer in financing, organizing, scheduling, budgeting, managing, and securing distribution for a film.									
FAR	DFT	<b>FILM</b>	<b>6650</b>	<b>Producing</b>	SEM	SE	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5120							
		COURSE DESC:		Examination of function of producer in financing, organizing, scheduling, budgeting, managing, and securing distribution for a film.									
FAR	DFT	<b>FILM</b>	<b>6800</b>	<b>Motion Picture Compositing</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5820							
		COURSE DESC:		Introduces students to compositing capabilities including horizontal and vertical effect constructions, mattes, keys, colors, and motion effects.									
FAR	DFT	<b>FILM</b>	<b>6800</b>	<b>Motion Picture Compositing</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5820							
		COURSE DESC:		Introduces students to compositing capabilities including horizontal and vertical effect constructions, mattes, keys, colors, and motion effects.									
FAR	DFT	<b>FILM</b>	<b>6810</b>	<b>Graphics Integration and Advanced Compositing</b>	LAB	LB	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 6800							
		COURSE DESC:		Explores techniques used to create, format, and integrate third party graphics. 3-D warp effects, matte keys, paint, animation tools, advanced color correction, and lab/broadcast standards compliance in finishing are included.									
FAR	DFT	<b>FILM</b>	<b>6810</b>	<b>Graphics Integration and Advanced Compositing</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 6800							
		COURSE DESC:		Explores techniques used to create, format, and integrate third party graphics. 3-D warp effects, matte keys, paint, animation tools, advanced color correction, and lab/broadcast standards compliance in finishing are included.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>FILM</b>	<b>6820</b>	<b>The Art of Editing</b>	DIS	DI	3 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study of the editing styles of film masters and provides students with an aesthetic framework to integrate creative, technical, and analytical skills in editing.									
FAR	DFT	<b>FILM</b>	<b>6820</b>	<b>The Art of Editing</b>	LEC	LE	3 to 4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		A study of the editing styles of film masters and provides students with an aesthetic framework to integrate creative, technical, and analytical skills in editing.									
FAR	DFT	<b>FILM</b>	<b>6830</b>	<b>Advanced Digital Editing</b>	LAB	LB	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5810 and 5820							
		COURSE DESC:		Further studies in nonlinear post-production picture editing and sound mixing.									
FAR	DFT	<b>FILM</b>	<b>6830</b>	<b>Advanced Digital Editing</b>	LEC	LE	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	FILM 5810 and 5820							
		COURSE DESC:		Further studies in nonlinear post-production picture editing and sound mixing.									
FAR	DFT	<b>FILM</b>	<b>6900</b>	<b>Special Topics in Film</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>6900</b>	<b>Special Topics in Film</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	DIS	DI	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	DIS	EL	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Advanced individual creative or scholarly work in film.									
FAR	DFT	<b>FILM</b>	<b>6950</b>	<b>Film Written Thesis</b>	THE	TH	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Written thesis.									
FAR	DFT	<b>FILM</b>	<b>6960</b>	<b>Film Studio Thesis</b>	TUT	TU	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Studio thesis.									
FAR	DFT	<b>FILM</b>	<b>6970</b>	<b>Thesis Seminar</b>	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Film major							
		COURSE DESC:		Presentation and discussion of thesis projects in progress.									
FAR	DFT	<b>FILM</b>	<b>7700</b>	<b>Master Class I</b>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		This is the first course in a two-course sequence for the MFA student making a second-year or thesis film. Students will confront the basic and the advanced filmmaker's storytelling craft, and be asked to write and workshop a script for a short narrative or documentary thesis film. The class also focuses on the director's craft as the student prepares a project for production.									
FAR	DFT	<b>FILM</b>	<b>7710</b>	<b>Master Class II</b>	SEM	SE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		This is the second course in a two-course sequence for the MFA student making a second-year or thesis film. The focus is on the production and post-production of the film.									
FAR	DFT	<b>FILM</b>	<b>7940</b>	<b>Individual Production Problems</b>	DIS	DI	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									
FAR	DFT	<b>FILM</b>	<b>7940</b>	<b>Individual Production Problems</b>	RSC	RS	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Investigations into specific areas of the filmmaking production process. Assignments arranged with professor.									

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FAR	DFT	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	DIS	DI	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	DIS	EL	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	RSC	EL	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	RSC	RS	1 to 8	40		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		COURSE DESC:		Readings and reports on works related to motion pictures. Reading list selected in consultation with faculty member.									
FAR	DFT	<b>T3</b>	<b>4630</b>	<b>Women Speaking: Then and Now</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Sr only							
		COURSE DESC:		Offers a comprehensive study and research of famous women (and men) throughout history, as well as the study of gender differences. Written speeches will be developed and practiced based on the chosen orators. Voice and speech skills will be taught for an effective communication and final speech performance.									
FAR	DFT	<b>T3</b>	<b>4631</b>	<b>Play and Place</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Tier II completed and Sr only							
		COURSE DESC:		Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.									
FAR	DFT	<b>T3</b>	<b>4631</b>	<b>Play and Place</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Tier II completed and Sr only							
		COURSE DESC:		Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.									
FAR	DFT	<b>THAR</b>	<b>1090</b>	<b>Lunchbag Theater Seminar Series</b>	SEM	SE	0	1		N	U10		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Seminar and discussion about trends in theater scholarship, production, and performance techniques.									
FAR	DFT	<b>THAR</b>	<b>1110</b>	<b>Fundamentals of Performance I</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>1111</b>	<b>Fundamentals of Performance II</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Theater major							
		COURSE DESC:		A continued implementation of basic acting values. Fundamentals of acting, voice and movement are expanded. Text analysis, the reality of doing, character, action, and objective are explored through exercises, monologues, and scene work.									
FAR	DFT	<b>THAR</b>	<b>1130</b>	<b>Acting Fundamentals I</b>	LAB	LB	3	0	2FA	N	U30		30
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ENG 1510 or 1610							
		COURSE DESC:		An introduction to the theory and practice of acting, as explored through exercises, scenes, and viewing plays. The exercises will explore the uses of imagination, concentration, relaxation, intention, and physical and vocal freedom through improvisation.									
FAR	DFT	<b>THAR</b>	<b>1130</b>	<b>Acting Fundamentals I</b>	LEC	LE	3	0	2FA	N	U30		30
		ELIGIBLE GRADES:		A-F	REQUISITE:	C- or better in ENG 1510 or 1610							
		COURSE DESC:		An introduction to the theory and practice of acting, as explored through exercises, scenes, and viewing plays. The exercises will explore the uses of imagination, concentration, relaxation, intention, and physical and vocal freedom through improvisation.									
FAR	DFT	<b>THAR</b>	<b>1390</b>	<b>Design Principles for the Stage</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Principles of design for the stage. Areas may include costume, scenic, lighting, or sound.									
FAR	DFT	<b>THAR</b>	<b>1390</b>	<b>Design Principles for the Stage</b>	STU	ST	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Principles of design for the stage. Areas may include costume, scenic, lighting, or sound.									
FAR	DFT	<b>THAR</b>	<b>1391</b>	<b>Fundamentals of Scenery, Props, Costumes and Costume Crafts</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of creating theatrical scenery and costumes.									

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FAR	DFT	<b>THAR</b>	<b>1391</b>	<b>Fundamentals of Scenery, Props, Costumes and Costume Crafts</b>	TUT	TU	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of creating theatrical scenery and costumes.									
FAR	DFT	<b>THAR</b>	<b>1392</b>	<b>Fundamentals of Lighting/Sound and Stage Management</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of realizing theatrical lighting and sound, and theatrical stage management.									
FAR	DFT	<b>THAR</b>	<b>1392</b>	<b>Fundamentals of Lighting/Sound and Stage Management</b>	TUT	TU	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introduction to the skills, techniques, terminology, rationale, and safety practices of realizing theatrical lighting and sound, and theatrical stage management.									
FAR	DFT	<b>THAR</b>	<b>1710</b>	<b>The Theatrical Experience</b>	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art. Students will also attend and analyze selected theatrical performances.									
FAR	DFT	<b>THAR</b>	<b>1710</b>	<b>The Theatrical Experience</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art. Students will also attend and analyze selected theatrical performances.									
FAR	DFT	<b>THAR</b>	<b>1720</b>	<b>Elements of Performance</b>	LEC	EL	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines a wide variety of modes of theatrical performance by exploring various ways text, performer, spectacle, spectator, and performance space can function across cultures.									
FAR	DFT	<b>THAR</b>	<b>1720</b>	<b>Elements of Performance</b>	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines a wide variety of modes of theatrical performance by exploring various ways text, performer, spectacle, spectator, and performance space can function across cultures.									
FAR	DFT	<b>THAR</b>	<b>1730</b>	<b>Fundamentals of Play Analysis and Playwriting</b>	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to play analysis and the craft of playwriting through theory and practice.									
FAR	DFT	<b>THAR</b>	<b>1730</b>	<b>Fundamentals of Play Analysis and Playwriting</b>	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to play analysis and the craft of playwriting through theory and practice.									
FAR	DFT	<b>THAR</b>	<b>2100</b>	<b>Practicum in Acting</b>	LAB	LB	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	<b>THAR</b>	<b>2110</b>	<b>Acting I</b>	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
FAR	DFT	<b>THAR</b>	<b>2111</b>	<b>Acting II</b>	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
FAR	DFT	<b>THAR</b>	<b>2130</b>	<b>Acting Fundamentals II</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
FAR	DFT	<b>THAR</b>	<b>2130</b>	<b>Acting Fundamentals II</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									

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FAR	DFT	<b>THAR</b>	<b>2130</b>	<b>Acting Fundamentals II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1111 or 1130									
				Study of acting and the actor from the point of view of strengthening concentration and commitment to performance tasks; introduces principles of text and character. Fundamentals of voice and movement are expanded.									
FAR	DFT	<b>THAR</b>	<b>2160</b>	<b>Movement for Actors I</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BFA Acting major									
				Introduces the student to fundamental concepts and principles of movement for actors. Emphasis is placed on the human body as an instrument of expression, and on developing strength, alignment and availability. Exercises and movement improvisations are designed to build individual skill, introduce basic movement vocabulary, and develop ensemble work in which particular attention will be given to listening and responding to spatial and temporal elements on stage.									
FAR	DFT	<b>THAR</b>	<b>2161</b>	<b>Movement for Actors II</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 2160									
				Continues the focus on concepts and principles of movement for actors including more advanced study of alignment, physical strength and spontaneity. Additional emphasis will be placed on embodiment of images and physical actions. Exercises are designed to develop expressiveness and consciousness.									
FAR	DFT	<b>THAR</b>	<b>2170</b>	<b>Voice and Speech for the Actor I</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BFA Acting major									
				Vocal exercises aimed at releasing undue tension in the voice and an introduction to speech exercises including phonetics and articulation.									
FAR	DFT	<b>THAR</b>	<b>2171</b>	<b>Voice and Speech for the Actor II</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 2170									
				Vocal work intended to increase power and range without unnecessary strain that incorporates specific speech with heightened expressivity.									
FAR	DFT	<b>THAR</b>	<b>2180</b>	<b>Voice and Speech Training</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Group and individual instruction in basic elements of vocal training for public speaking and performance.									
FAR	DFT	<b>THAR</b>	<b>2180</b>	<b>Voice and Speech Training</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Group and individual instruction in basic elements of vocal training for public speaking and performance.									
FAR	DFT	<b>THAR</b>	<b>2300</b>	<b>Practicum in Production Design</b>	LAB	LB	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	<b>THAR</b>	<b>2350</b>	<b>Stagecraft: Scenery</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1391									
				Procedures and practice in theatrical scenic production; practical experience.									
FAR	DFT	<b>THAR</b>	<b>2360</b>	<b>Stagecraft: Costume Construction</b>	LAB	LB	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1391									
				Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	<b>THAR</b>	<b>2360</b>	<b>Stagecraft: Costume Construction</b>	LEC	EL	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1391									
				Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	<b>THAR</b>	<b>2360</b>	<b>Stagecraft: Costume Construction</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1391									
				Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	<b>THAR</b>	<b>2387</b>	<b>Stage Makeup and Character Design</b>	STU	ST	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Theory and practice of stage makeup and character design.									
FAR	DFT	<b>THAR</b>	<b>2390</b>	<b>Theatrical Design Skills: The Text and Concept</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1390									
				A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.									
FAR	DFT	<b>THAR</b>	<b>2390</b>	<b>Theatrical Design Skills: The Text and Concept</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1390									
				A collaborative approach to expanding fundamental design skills, visual research, and script analysis as applied to developing a theatrical design concept.									
FAR	DFT	<b>THAR</b>	<b>2510</b>	<b>Introduction to Playwriting</b>	SEM	EL	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and THAR 1730 or 171									
				Introduction to theories and practice of dramatic writing.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>2510</b>	<b>Introduction to Playwriting</b>	SEM	SE	3	0		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required and THAR 1730 or 171							
		COURSE DESC:		Introduction to theories and practice of dramatic writing.									
FAR	DFT	<b>THAR</b>	<b>2600</b>	<b>Practicum in Production Stage Management</b>	LAB	LB	1 to 6	18		N	U30		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	THAR 1392 and (3610 concurrent)							
		COURSE DESC:		Supervised lab practice as a member of the stage management team for a School of Theater production.									
FAR	DFT	<b>THAR</b>	<b>2710</b>	<b>Theater and Performance History I</b>	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>2710</b>	<b>Theater and Performance History I</b>	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>2711</b>	<b>Theater and Performance History II</b>	DIS	DI	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		This course explores performance, literature, and theatrical practices from the Enlightenment through contemporary America, as well as in Africa and the Middle East. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									
FAR	DFT	<b>THAR</b>	<b>2711</b>	<b>Theater and Performance History II</b>	LEC	LE	3	0	2FA	N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		This course explores performance, literature, and theatrical practices from the Enlightenment through contemporary America, as well as in Africa and the Middle East. We strive to better comprehend history through performance, and to develop the critical and aesthetic tools to appreciate and understand plays, rituals, design, and theories of theater in their original contexts, as well as in today's world.									
FAR	DFT	<b>THAR</b>	<b>2900</b>	<b>Special Topics in Theater Arts</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>2900</b>	<b>Special Topics in Theater Arts</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>2970T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.									
FAR	DFT	<b>THAR</b>	<b>2980T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Subject matter arranged by tutorial student in consultation with School of Theater tutorial advisor.									
FAR	DFT	<b>THAR</b>	<b>3100</b>	<b>Practicum in Acting</b>	LAB	LB	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition and Jr or Sr							
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	<b>THAR</b>	<b>3110</b>	<b>Acting III</b>	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	THAR 2111 and BFA Acting major							
		COURSE DESC:		Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Students will continue to explore the process of transforming to a character; working with a stronger sense of craft and greater specificity.									
FAR	DFT	<b>THAR</b>	<b>3111</b>	<b>Acting IV</b>	STU	ST	3 to 4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	THAR 3110 or 310 or 311 and BFA Acting major							
		COURSE DESC:		Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and techniques will be integrated. Heightened language text will be introduced.									
FAR	DFT	<b>THAR</b>	<b>3130</b>	<b>Scene Study</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	THAR 2130							
		COURSE DESC:		A simple physical and vocal warm up will be introduced and developed. Students will apply acting foundation skills to a study of scenes from dramatic literature. Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Students will explore the process of transforming to a character unlike themselves.									

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FAR	DFT	<b>THAR</b>	<b>3130</b>	<b>Scene Study</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>3160</b>	<b>Physical Theater I</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
FAR	DFT	<b>THAR</b>	<b>3161</b>	<b>Physical Theater II</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3160 or 216									
				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	DFT	<b>THAR</b>	<b>3162</b>	<b>Stage Combat</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Theater major									
				Students will learn skill sets specific to stage combat. Of primary importance will be the skills necessary to execute a fight without the risk of injury to the performers involved. Through the preparation and performance of dramatic and comedic scenes involving stage combat, the student will experience the process of stage combat as it applies to the actor.									
FAR	DFT	<b>THAR</b>	<b>3170</b>	<b>Voice and Speech for the Actor III</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 2171 or 217									
				Study of text in verse and the application of fundamental voice and speech skills to the performance of classical works.									
FAR	DFT	<b>THAR</b>	<b>3171</b>	<b>Voice and Speech for the Actor IV</b>	STU	ST	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3170									
				Advanced topics in voice and speech for the actor, including dialects, various genres, and the performance of dramatic texts as an ensemble.									
FAR	DFT	<b>THAR</b>	<b>3210</b>	<b>Beginning Directing</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (THAR 1111 or 110) or 1130 and (Jr or Sr)									
				Designed as an introduction to the process of directing for the stage. The focus will be on basic concepts of script analysis, table work, staging, and the rehearsal process, with a special emphasis on clarity in storytelling.									
FAR	DFT	<b>THAR</b>	<b>3210</b>	<b>Beginning Directing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (THAR 1111 or 110) or 1130 and (Jr or Sr)									
				Designed as an introduction to the process of directing for the stage. The focus will be on basic concepts of script analysis, table work, staging, and the rehearsal process, with a special emphasis on clarity in storytelling.									
FAR	DFT	<b>THAR</b>	<b>3300</b>	<b>Practicum in Production Design</b>	LAB	LB	1 to 4	20		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	<b>THAR</b>	<b>3310</b>	<b>Lighting Design I</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 2390									
				Creative processes in design and execution of lighting for varied production venues.									
FAR	DFT	<b>THAR</b>	<b>3319</b>	<b>Stage Electrics</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1392									
				Procedures and practice in theatrical stage electrics; practical experience.									
FAR	DFT	<b>THAR</b>	<b>3330</b>	<b>Scene Painting</b>	LAB	LB	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Basic materials, techniques, theory, and application of painting for the stage.									
FAR	DFT	<b>THAR</b>	<b>3361</b>	<b>Costume Technology I: Pattern Development and Construction</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 2360									
				Introduction to pattern draping and drafting using modern and historical methods. Advanced sewing ability is required.									
FAR	DFT	<b>THAR</b>	<b>3380</b>	<b>Introduction to Props and Crafts Techniques</b>	LAB	LB	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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.									

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FAR	DFT	<b>THAR</b>	<b>3380</b>	<b>Introduction to Props and Crafts Techniques</b>	LEC	LE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas of study may include millinery, metalworking, maskmaking, fabric dyeing and printing, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	<b>THAR</b>	<b>3390</b>	<b>Design Skills - Figure Drawing and Costume Illustration Techniques</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 1390						
		COURSE DESC:		Focuses on figure drawing, collage, and illustration techniques that can be used to express character and costume using dry and wet media, and digital techniques.									
FAR	DFT	<b>THAR</b>	<b>3391</b>	<b>Theatrical Design Skills: The Space</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 1390 or 2390						
		COURSE DESC:		Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization and script analysis.									
FAR	DFT	<b>THAR</b>	<b>3392</b>	<b>Drafting for the Theater</b>	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>3393</b>	<b>Vectorworks for the Theater</b>	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design software including Vectorworks and Lightwright. Application and development of solutions to lighting design problems.									
FAR	DFT	<b>THAR</b>	<b>3395</b>	<b>Digital Portfolio and Performance Photography</b>	LAB	LB	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital and website development programs to create different digital portfolios.									
FAR	DFT	<b>THAR</b>	<b>3395</b>	<b>Digital Portfolio and Performance Photography</b>	LEC	LE	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to the development of digital portfolio presentations from performance photography. Students will take production process and theater performance photos and manipulate them using digital and website development programs to create different digital portfolios.									
FAR	DFT	<b>THAR</b>	<b>3396</b>	<b>Design History I: Period Styles</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of research techniques in history, the arts, and period "style" from Antiquity to the present in Western Civilizations for the purpose of theatrical production.									
FAR	DFT	<b>THAR</b>	<b>3397</b>	<b>Design History II: Costume Survey</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Development of dress and influence of technical and cultural factors from Antiquity to 1900.									
FAR	DFT	<b>THAR</b>	<b>3398</b>	<b>Design History III: 20th-Century Clothing and Culture</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		The study of the development of Western European and American dress and culture from 1900 to the present. Classwork revolves around using primary and secondary research to explore how fashion changes as a result of shifts in cultural and political developments.									
FAR	DFT	<b>THAR</b>	<b>3399</b>	<b>Scenography: Exploring the Creative Vision</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 2390						
		COURSE DESC:		Application of principles of design to stage costuming and scenery, with emphasis on figure drawing, characterization, conceptualization, and scenic sketching and models.									
FAR	DFT	<b>THAR</b>	<b>3400</b>	<b>Off-Campus Practicum</b>	LAB	LB	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Supervised practice and experimentation in the company operation of a community theater performance project.									
FAR	DFT	<b>THAR</b>	<b>3510</b>	<b>Playwriting Revision Technique</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 2510 or 250						
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on craft and control through revision.									
FAR	DFT	<b>THAR</b>	<b>3510</b>	<b>Playwriting Revision Technique</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 2510 or 250						
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on craft and control through revision.									
FAR	DFT	<b>THAR</b>	<b>3511</b>	<b>Playwriting Style and Voice</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	THAR 3510						
		COURSE DESC:		Theory and practice of dramatic writing with an emphasis on varying style and defining voice.									

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FAR	DFT	<b>THAR</b>	<b>3511</b>	<b>Playwriting Style and Voice</b>	SEM	SE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Theory and practice of dramatic writing with an emphasis on varying style and defining voice.									
FAR	DFT	<b>THAR</b>	<b>3600</b>	<b>Practicum in Production Stage Management</b>	LAB	LB	1 to 6	18		N	U30		0
				ELIGIBLE GRADES: A-F, PR									
				COURSE DESC: Supervised lab practice as a member of the stage management team for a School of Theater production.									
FAR	DFT	<b>THAR</b>	<b>3610</b>	<b>Stage Management Seminar</b>	SEM	EL	1 to 3	18		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									
FAR	DFT	<b>THAR</b>	<b>3610</b>	<b>Stage Management Seminar</b>	SEM	SE	1 to 3	18		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									
FAR	DFT	<b>THAR</b>	<b>3970T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: Junior-level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	<b>THAR</b>	<b>3980T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: Junior-level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	<b>THAR</b>	<b>4100</b>	<b>Practicum in Acting</b>	LAB	LB	1 to 6	12		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	<b>THAR</b>	<b>4110</b>	<b>Acting Studio I</b>	STU	ST	3 to 4	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: A workshop and performance project exploring the works of William Shakespeare for performance. Integrating acting, movement, and voice, the students will apply the concepts from earlier course work to the analysis, study, and performance of Shakespearean text and characters.									
FAR	DFT	<b>THAR</b>	<b>4111</b>	<b>Acting Studio II</b>	STU	ST	3 to 4	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Divided into two sections; the first section will involve a workshop and performance project similar to that of THAR 4110, this time employing material from a different theatrical style or genre. Genres might include social realism, absurdist, or restoration comedy. The second section will focus on branching into the industry and will include audition and interview techniques.									
FAR	DFT	<b>THAR</b>	<b>4120</b>	<b>Acting for Film, Television and New Media</b>	STU	ST	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Study and application of studio acting techniques specific to film, television and new media.									
FAR	DFT	<b>THAR</b>	<b>4130</b>	<b>Advanced Acting</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and heightened language text may be integrated. The class may result in an ensemble driven project.									
FAR	DFT	<b>THAR</b>	<b>4130</b>	<b>Advanced Acting</b>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Advanced acting skills. The acting vocabulary will be expanded to include the understanding and application of additional acting methods and approaches. Physical approaches and heightened language text may be integrated. The class may result in an ensemble driven project.									
FAR	DFT	<b>THAR</b>	<b>4200</b>	<b>Practicum-Directing</b>	LAB	LB	1 to 6	18		I	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Undergraduate directing practicum credits reflect work done on School of Theater productions as a director or assistant director, including mainstage shows, lab shows, realism projects, style projects, and playwrights festival productions. Ideally, the faculty advisor will make periodic visits to rehearsals for these projects, assessing rehearsal strategies and overall progress of the production. (In the case of an assistant directing practicum, the faculty advisor will make periodic contact with the director to validate the student's participation in the process.)									
FAR	DFT	<b>THAR</b>	<b>4210</b>	<b>Intermediate Directing</b>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: A-F									
				COURSE DESC: Designed as an intermediate course examining the process of directing for the stage. The focus will be on some of the same concepts studied in THAR 3210 (script analysis, table work, staging, and the rehearsal process), with a stronger emphasis on preproduction concept and collaboration with designers.									



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COURSE LISTING  
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FAR	DFT	<b>THAR</b>	<b>4210</b>	<b>Intermediate Directing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>4300</b>	<b>Practicum in Production Design</b>	LAB	LB	1 to 4	30		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.									
FAR	DFT	<b>THAR</b>	<b>4301</b>	<b>Scenography Seminar</b>	SEM	EL	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>4301</b>	<b>Scenography Seminar</b>	SEM	SE	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>4301</b>	<b>Scenography Seminar</b>	STU	ST	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 3399 and (4370 or 4340 or 4320 or 3310 or 490A or 490C or 439 or 427A or 437B 431 or 331)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>4311</b>	<b>Lighting Design II</b>	TUT	TU	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3310									
		COURSE DESC:		Provides the student opportunities for preparation and critique of lighting design projects in a variety of theatrical contexts.									
FAR	DFT	<b>THAR</b>	<b>4312</b>	<b>Lighting Design: Cueing</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 2390									
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design for creating mood, atmosphere and storytelling.									
FAR	DFT	<b>THAR</b>	<b>4313</b>	<b>Lighting Topics: Automated</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3310 or 3319									
		COURSE DESC:		A specialized study of skills utilized in automated theatrical lighting design.									
FAR	DFT	<b>THAR</b>	<b>4320</b>	<b>Costume Design</b>	TUT	TU	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3399 and (3397 or 3398)									
		COURSE DESC:		Problems and projects in theatrical costume design focused on the delineation of character and story; the relationship of script analysis, research and conceptualization; and preparation for professional design collaborations.									
FAR	DFT	<b>THAR</b>	<b>4340</b>	<b>Scene Design</b>	TUT	TU	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3399									
		COURSE DESC:		Provides student with a series of design projects with an emphasis on portfolio preparation.									
FAR	DFT	<b>THAR</b>	<b>4350</b>	<b>Technical Direction</b>	TUT	TU	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 2350 and 3392									
		COURSE DESC:		Advanced problems of scenery construction, handling, and technical design.									
FAR	DFT	<b>THAR</b>	<b>4351</b>	<b>Stage Rigging</b>	TUT	TU	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 4350									
		COURSE DESC:		Focuses on safe and acceptable standards for stage rigging practices within the entertainment industry.									
FAR	DFT	<b>THAR</b>	<b>4352</b>	<b>Welding for the Theater</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 2350									
		COURSE DESC:		An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.									
FAR	DFT	<b>THAR</b>	<b>4362</b>	<b>Costume Technology II: Advanced Pattern Development and Construction</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3361 or 436D									
		COURSE DESC:		Advanced pattern development and construction utilizing drafting, bias draping and flat pattern techniques.									
FAR	DFT	<b>THAR</b>	<b>4363</b>	<b>Costume Technology III: Theatrical Tailoring</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F REQUISITE: THAR 3361 or 436D									
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in theatrical tailoring.									
FAR	DFT	<b>THAR</b>	<b>4364</b>	<b>Costume Technology IV: Specialized Silhouettes and Construction</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		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.									

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FAR	DFT	<b>THAR</b>	<b>4365</b>	<b>Costume Technology V: Rendering Interpretation</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 4362 Consists of a study of the skills and techniques needed for rendering interpretation. Students will focus on researching the images for details of seam placement, fabric hang, cut, and mechanics and apply their findings to creating 3-D models.									
FAR	DFT	<b>THAR</b>	<b>4370</b>	<b>Theatrical Sound Design</b>	TUT	TU	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1390 or 2390 Principles and functions of sound design for the theater.									
FAR	DFT	<b>THAR</b>	<b>4371</b>	<b>Theatrical Sound Production</b>	LAB	LB	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1392 Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	<b>THAR</b>	<b>4371</b>	<b>Theatrical Sound Production</b>	LEC	LE	3	0		N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 1392 Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	<b>THAR</b>	<b>4381</b>	<b>Advanced Crafts Techniques</b>	TUT	TU	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3380 A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.									
FAR	DFT	<b>THAR</b>	<b>4382</b>	<b>Advanced Properties Construction and Organization for the Stage</b>	TUT	TU	3	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3380 Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.									
FAR	DFT	<b>THAR</b>	<b>4383</b>	<b>Advanced Props Techniques: Furniture Construction</b>	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Advanced studies in furniture construction for the props artisan covering woodworking, upholstery, carving, finishing, and furniture repair.									
FAR	DFT	<b>THAR</b>	<b>4384</b>	<b>Advanced Props Techniques: Steel Work</b>	TUT	TU	3	6		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Advanced studies in metalworking for the props artisan covering armor research and construction techniques and stage weapon research and construction techniques.									
FAR	DFT	<b>THAR</b>	<b>4390</b>	<b>Creating the Realized Design/Main Stage Process</b>	TUT	TU	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway and regional theaters.									
FAR	DFT	<b>THAR</b>	<b>4399</b>	<b>Design and Production Business</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Soph or Jr or Sr A specialized study of skills utilized in theatrical design and production as a business.									
FAR	DFT	<b>THAR</b>	<b>4510</b>	<b>Advanced Playwriting</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3511 or 350 Theory and practice of dramatic writing with an emphasis on the full-length play.									
FAR	DFT	<b>THAR</b>	<b>4510</b>	<b>Advanced Playwriting</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAR 3511 or 350 Theory and practice of dramatic writing with an emphasis on the full-length play.									
FAR	DFT	<b>THAR</b>	<b>4520</b>	<b>Playwriting Senior Project</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (THAR 3511 or 350) and BFA playwriting major A capstone culminating in a public presentation of polished dramatic work(s).									
FAR	DFT	<b>THAR</b>	<b>4520</b>	<b>Playwriting Senior Project</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (THAR 3511 or 350) and BFA playwriting major A capstone culminating in a public presentation of polished dramatic work(s).									
FAR	DFT	<b>THAR</b>	<b>4600</b>	<b>Practicum in Stage Management: Senior Project</b>	LAB	LB	1 to 6	18		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: (6 Hours in THAR 2600 or 3600) and (THAR 3610 concurrent) Supervised practical experience in stage managing of School of Theater or related production.									
FAR	DFT	<b>THAR</b>	<b>4700</b>	<b>Practicum in Dramaturgy</b>	LAB	LB	1 to 6	18		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Practical experience as a dramaturg on School of Theater productions, including historical, textual, and biographical research, as well as audience outreach activities.									

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FAR	DFT	<b>THAR</b>	<b>4710</b>	<b>Seminar in Theater History and Drama: Selected Topics</b>	SEM	SE	3	18		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	THAR 2710 or 2711							
		COURSE DESC:		An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	<b>THAR</b>	<b>4720</b>	<b>Forms of Drama</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr or Sr							
		COURSE DESC:		Study of genres through examination of plays and critical and theoretical documents.									
FAR	DFT	<b>THAR</b>	<b>4730</b>	<b>American Theater and Drama</b>	LEC	EL	3	18		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Engages students in the study of significant plays, playwrights, and movements in the American theater.									
FAR	DFT	<b>THAR</b>	<b>4730</b>	<b>American Theater and Drama</b>	LEC	LE	3	18		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Engages students in the study of significant plays, playwrights, and movements in the American theater.									
FAR	DFT	<b>THAR</b>	<b>4900</b>	<b>Special Topics in Theater Arts</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>4900</b>	<b>Special Topics in Theater Arts</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>4910</b>	<b>Professional Theater Internship</b>	FLD	FE	1 to 15	999		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Supervised internship experience with a professional production company. Areas of study may include performance, management, design, production, playwriting, dramaturgy, or scholarship.									
FAR	DFT	<b>THAR</b>	<b>4970T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Senior- level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	<b>THAR</b>	<b>4980T</b>	<b>Theater Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	HTC							
		COURSE DESC:		Senior- level tutorial course for students in the Honors Tutorial College.									
FAR	DFT	<b>THAR</b>	<b>4991</b>	<b>Independent Studies in Acting</b>	TUT	TU	1 to 6	18		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required and independent study form required							
		COURSE DESC:		Advanced study projects in aspects and issues of acting beyond normal course offerings.									
FAR	DFT	<b>THAR</b>	<b>4992</b>	<b>Independent Studies in Directing</b>	LAB	LB	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Advanced study projects in aspects and issues of directing beyond normal course offerings.									
FAR	DFT	<b>THAR</b>	<b>4993</b>	<b>Independent Studies in Production Design and Technology</b>	TUT	TU	1 to 6	999		I	U30		0
		ELIGIBLE GRADES:		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	DFT	<b>THAR</b>	<b>5010</b>	<b>Introduction to Graduate Study</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Graduate theater major							
		COURSE DESC:		As an orientation to graduate theater study and professional theater, the student will review a fundamental knowledge base of theater that will involve readings, discussion, and conversation about the past, present, and future of the profession. Preparation for the responsibilities and expectations of serving as a graduate assistant including teaching at the University will also be covered.									
FAR	DFT	<b>THAR</b>	<b>5100</b>	<b>Practicum in Acting</b>	LAB	LB	1 to 4	16		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	<b>THAR</b>	<b>5110</b>	<b>Acting I: Foundation</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	MFA acting major							
		COURSE DESC:		The introduction of an intensive foundational and sequential course of actor training. Rigorous emphasis will be placed on the authentic use of self, the awakening of the emotional life and the collaborative process as explored through exercises and scene work. Students will be conditioned to listen and respond, work spontaneously, develop a point of view, and to act by doing.									

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FAR	DFT	<b>THAR</b>	<b>5111</b>	<b>Acting II: Foundation</b> ELIGIBLE GRADES: A-F, 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5160</b>	<b>Movement for Actors I</b> ELIGIBLE GRADES: A-F, 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5161</b>	<b>Movement for Actors II</b> ELIGIBLE GRADES: A-F, 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5170</b>	<b>Voice and Speech for the Actor I</b> ELIGIBLE GRADES: A-F, 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5171</b>	<b>Voice and Speech for the Actor II</b> ELIGIBLE GRADES: A-F, 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5200</b>	<b>Practicum in Directing</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	1 to 6	18		I	G40		0
FAR	DFT	<b>THAR</b>	<b>5210</b>	<b>Directing I</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5210</b>	<b>Directing I</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5211</b>	<b>Directing II</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5211</b>	<b>Directing II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5240</b>	<b>Director-Designer Communication</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>5300</b>	<b>Practicum in Design and/or Technical Production</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Practical application of design and technical theory.	LAB	LB	1 to 6	36		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>5301</b>	<b>Scenography Seminar</b>	SEM	EL	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>5301</b>	<b>Scenography Seminar</b>	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>5301</b>	<b>Scenography Seminar</b>	STU	ST	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: (2 of the design courses in THAR 5310, 5311, 5312, 5320, 5340, 5370, 5390, 5391) or 1 graduate design course in (THAR 5310, 5311, 5312, 5320, 5321, 5340, 5370, 5390, 5391, 6320, 6340) and 1 graduate directing course in (THAR 5210, 5211, 5240, 6210, 6211)									
		COURSE DESC:		The creation of designs for fictional and realized productions within the context of collaborations with directors, choreographers, set, costume, lighting, and sound designers.									
FAR	DFT	<b>THAR</b>	<b>5310</b>	<b>Lighting Design I</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Light as an element of design.									
FAR	DFT	<b>THAR</b>	<b>5311</b>	<b>Lighting Design II</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 5301 or 5310 or THAR 531A or THAR 590C									
		COURSE DESC:		Advanced problems and projects in lighting design emphasizing style, conceptualization, and collaboration.									
FAR	DFT	<b>THAR</b>	<b>5312</b>	<b>Lighting Design: Cueing</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		A specialized study of skills utilized in theatrical lighting design for creating mood, atmosphere and storytelling.									
FAR	DFT	<b>THAR</b>	<b>5313</b>	<b>Lighting Topics: Automated</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 5310 or 5319									
		COURSE DESC:		A specialized study of skills utilized in automated theatrical lighting design.									
FAR	DFT	<b>THAR</b>	<b>5319</b>	<b>Stage Electrics</b>	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Procedures and practice in theatrical stage electrics; practical experience.									
FAR	DFT	<b>THAR</b>	<b>5320</b>	<b>Costume Design</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Problems and projects in theatrical costume design focused on the delineation of character and story; the relationship of script analysis, research and conceptualization; and preparation for professional design collaborations.									
FAR	DFT	<b>THAR</b>	<b>5321</b>	<b>Film Design: Costume Design and Art Direction</b>	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 5320 or 5340 or Film Major									
		COURSE DESC:		An exploration of film costume design and art direction from the preparation of a film through the shooting process.									
FAR	DFT	<b>THAR</b>	<b>5321</b>	<b>Film Design: Costume Design and Art Direction</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 5320 or 5340 or Film Major									
		COURSE DESC:		An exploration of film costume design and art direction from the preparation of a film through the shooting process.									
FAR	DFT	<b>THAR</b>	<b>5330</b>	<b>Scene Painting</b>	LAB	LB	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Introduction to painting techniques, materials, and color problems for the stage.									
FAR	DFT	<b>THAR</b>	<b>5340</b>	<b>Scene Design</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Scene design theory and practices.									
FAR	DFT	<b>THAR</b>	<b>5350</b>	<b>Technical Direction</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE:									
		COURSE DESC:		Role and responsibilities of technical director applied to design problems.									
FAR	DFT	<b>THAR</b>	<b>5351</b>	<b>Stage Rigging</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR REQUISITE: THAR 5350									
		COURSE DESC:		Focuses on safe and acceptable standards for stage rigging practices within the entertainment industry. Covers load calculation methods, properties of rigging equipment and performance/safety rating methods, risk management, and rigging system inspection criteria.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>5352</b>	<b>Welding for the Theater</b>	TUT	TU	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.									
FAR	DFT	<b>THAR</b>	<b>5360</b>	<b>Costume Construction Techniques for the Stage</b>	TUT	TU	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Procedures and practices in theatrical costume production; practical experience.									
FAR	DFT	<b>THAR</b>	<b>5361</b>	<b>Costume Technology I: Pattern Development and Construction</b>	TUT	TU	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		Introduction to pattern draping and drafting using modern and historical methods. Advanced sewing ability is required.									
FAR	DFT	<b>THAR</b>	<b>5362</b>	<b>Costume Technology II: Advanced Pattern Development and Construction</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	THAR 5361						
		COURSE DESC:		Advanced pattern development and construction utilizing drafting, bias draping and flat pattern techniques.									
FAR	DFT	<b>THAR</b>	<b>5363</b>	<b>Costume Technology III: Theatrical Tailoring</b>	TUT	TU	3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	THAR 5361						
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in theatrical tailoring.									
FAR	DFT	<b>THAR</b>	<b>5364</b>	<b>Costume Technology IV: Specialized Silhouettes and Construction</b>	TUT	TU	3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	THAR 5361						
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in researching and solving costume technology problems.									
FAR	DFT	<b>THAR</b>	<b>5365</b>	<b>Costume Technology V: Rendering Interpretation</b>	TUT	TU	3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	THAR 5362						
		COURSE DESC:		A study of the skills and techniques needed for rendering interpretation. Students will focus on researching the images for details of seam placement, fabric hang, cut and mechanics and apply their findings to creating 3D models.									
FAR	DFT	<b>THAR</b>	<b>5370</b>	<b>Theatrical Sound Design</b>	TUT	TU	3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	THAR 5371						
		COURSE DESC:		An introduction to sound design for the stage. Resources and principles for the theatrical sound designer.									
FAR	DFT	<b>THAR</b>	<b>5371</b>	<b>Theatrical Sound Production</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	<b>THAR</b>	<b>5371</b>	<b>Theatrical Sound Production</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Principles, characteristics, and techniques in the use of sound equipment for the theater.									
FAR	DFT	<b>THAR</b>	<b>5380</b>	<b>Props and Crafts Techniques</b>	LAB	LB	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	<b>THAR</b>	<b>5380</b>	<b>Props and Crafts Techniques</b>	LEC	LE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.									
FAR	DFT	<b>THAR</b>	<b>5381</b>	<b>Advanced Crafts Techniques</b>	TUT	TU	3	12		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.									
FAR	DFT	<b>THAR</b>	<b>5382</b>	<b>Advanced Properties Construction and Organization for the Stage</b>	TUT	TU	3	12		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.									
FAR	DFT	<b>THAR</b>	<b>5383</b>	<b>Advanced Props Techniques: Furniture Construction</b>	TUT	TU	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		Advanced studies in furniture construction for the props artisan covering woodworking, upholstery, carving, finishing, and furniture repair.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>5384</b>	<b>Advanced Props Techniques: Steel Work</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE: Permission required				
		COURSE DESC:		Advanced studies in metalworking for the props artisan covering armor research and construction techniques and stage weapon research and construction techniques.									
FAR	DFT	<b>THAR</b>	<b>5387</b>	<b>Stage Makeup and Character Design</b>	STU	ST	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Theory and practice of stage makeup and character design.									
FAR	DFT	<b>THAR</b>	<b>5390</b>	<b>Design Skills - Figure Drawing and Costume Illustration Techniques</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Focuses on figure drawing, collage, and illustration techniques that can be used to express character and costume using dry and wet media, and digital techniques.									
FAR	DFT	<b>THAR</b>	<b>5391</b>	<b>Theatrical Design Skills - The Space</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization, and script analysis.									
FAR	DFT	<b>THAR</b>	<b>5392</b>	<b>Drafting for the Theater</b>	TUT	TU	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Fundamental and advanced problems of drafting for the stage. Digital and hand drafting methods will be utilized to create ground plans, sections, front elevations, rear elevations, and details.									
FAR	DFT	<b>THAR</b>	<b>5393</b>	<b>Vectorworks for the Theater</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		A specialized study of computer aided design skills utilized for theatrical design.									
FAR	DFT	<b>THAR</b>	<b>5395</b>	<b>Digital Portfolio and Performance Photography</b>	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					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 programs such as Photoshop, Powerpoint and other website development programs to create different digital portfolios.									
FAR	DFT	<b>THAR</b>	<b>5395</b>	<b>Digital Portfolio and Performance Photography</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					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 programs such as Photoshop, Powerpoint and other website development programs to create different digital portfolios.									
FAR	DFT	<b>THAR</b>	<b>5396</b>	<b>Design History I: Period Styles</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Research techniques and resources in history, the arts, and period "style" from antiquity to the present in Western Civilizations for theatrical production.									
FAR	DFT	<b>THAR</b>	<b>5397</b>	<b>Design History II: Costume Survey</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Development of dress and influence of technical and cultural factors from Antiquity to 1900.									
FAR	DFT	<b>THAR</b>	<b>5398</b>	<b>Design History III: 20th- Century Clothing and Culture</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		The study of the development of Western European and American dress and culture from 1900 to the present. Classwork revolves around using primary and secondary research to explore how fashion changes as a result of shifts in cultural and political developments.									
FAR	DFT	<b>THAR</b>	<b>5399</b>	<b>Design and Production Business</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		A specialized study of skills utilized in theatrical design and production as a business.									
FAR	DFT	<b>THAR</b>	<b>5400</b>	<b>Off-Campus Practicum</b>	LAB	LB	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Supervised practice and experimentation in the company operation of a community theater performance project.									
FAR	DFT	<b>THAR</b>	<b>5510</b>	<b>Dramatic Writing Seminar I</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F					REQUISITE: Graduate theater major				
		COURSE DESC:		Introduction to the theories of dramatic narrative structure. Study of techniques used for the development of idea into narrative. Study of extant narratives to understand how narrative generates meaning.									
FAR	DFT	<b>THAR</b>	<b>5511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part I</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE: THAR 5510 and Playwriting MFA student				
		COURSE DESC:		Initial development of rewriting techniques through the application of rewriting theory, the creation of and adherence to simple rewriting proposals, and interaction with performers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>5520</b>	<b>Writing for Production I</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MFA playwriting major Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The first course in this series is designed to give the students the basic skills needed to produce production ready work, with actors, on stage, before an audience on a weekly basis.									
FAR	DFT	<b>THAR</b>	<b>5521</b>	<b>Writing for Production II</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAR 5520 A continuation of focusing upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The second course in the series is designed to enable students to develop the advanced skills necessary to produce production ready work, with actors, on stage, before an audience on a weekly basis.									
FAR	DFT	<b>THAR</b>	<b>5530</b>	<b>First Year Playwrights Workshop</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MFA playwriting major Development of the first-year full-length play through the application of the theories of Basic Dramatic Structure. Open only to students accepted into the Professional Playwriting Program.									
FAR	DFT	<b>THAR</b>	<b>5530</b>	<b>First Year Playwrights Workshop</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MFA playwriting major Development of the first-year full-length play through the application of the theories of Basic Dramatic Structure. Open only to students accepted into the Professional Playwriting Program.									
FAR	DFT	<b>THAR</b>	<b>5531</b>	<b>First Year Playwrights Workshop II</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAR 5530 or THAR 550 Developmental workshop of the first-year full-length play in preparation for a rehearsed public reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of that play.									
FAR	DFT	<b>THAR</b>	<b>5531</b>	<b>First Year Playwrights Workshop II</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAR 5530 or THAR 550 Developmental workshop of the first-year full-length play in preparation for a rehearsed public reading. Students will also develop an artistic statement in support of the artistic goals, themes, and techniques of that play.									
FAR	DFT	<b>THAR</b>	<b>5600</b>	<b>Practicum in Production Stage Management</b>	LAB	LB	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: THAR 5610 or concurrent Practical experience in production stage management.									
FAR	DFT	<b>THAR</b>	<b>5610</b>	<b>Stage Management Seminar</b>	SEM	EL	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									
FAR	DFT	<b>THAR</b>	<b>5610</b>	<b>Stage Management Seminar</b>	SEM	SE	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.									
FAR	DFT	<b>THAR</b>	<b>5700</b>	<b>Practicum in Dramaturgy</b>	LAB	LB	1 to 4	16		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Practical experience as a dramaturgy in School of Theater productions, including historical, textual, and bibliographical research, as well as audience outreach.									
FAR	DFT	<b>THAR</b>	<b>5710</b>	<b>Seminar: Topics in Theater History</b>	SEM	EL	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	<b>THAR</b>	<b>5710</b>	<b>Seminar: Topics in Theater History</b>	SEM	SE	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: An in-depth examination of a selected area of theater history and drama.									
FAR	DFT	<b>THAR</b>	<b>5720</b>	<b>Theater Scholarship</b>	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Students will develop their skills and methods as scholars by reading and discussing examples of theater scholarship and workshopping their own scholarly works in-progress. Students may develop critical reviews, conference presentations, and/or journal articles. May also include an examination of scholarly organizations, journals, and conferences.									
FAR	DFT	<b>THAR</b>	<b>5730</b>	<b>Dramatic Criticism I</b>	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Principles of dramatic criticism from Aristotle to modern theater.									
FAR	DFT	<b>THAR</b>	<b>5731</b>	<b>Dramatic Criticism II</b>	LEC	LE	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Modern dramatic criticism from time of Ibsen to present.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>5740</b>	<b>Theater Research and Scholarship</b>	SEM	SE	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Students will develop research methods and skills through the pursuit of an original research project. This research will then serve as the basis for developing a piece of scholarship, such as a critical review, conference presentation, journal article, or graduate thesis. In addition to serving as a workshop for students' scholarly works-in-progress, will also include an examination of scholarly organizations, journals, and conferences.									
FAR	DFT	<b>THAR</b>	<b>5900</b>	<b>Special Topics in Theater Arts</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>5900</b>	<b>Special Topics in Theater Arts</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	DFT	<b>THAR</b>	<b>5993</b>	<b>Independent Studies in Design and/or Technical Theater</b>	TUT	TU	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced study projects in aspects or problems of production design and technology beyond normal course offerings.									
FAR	DFT	<b>THAR</b>	<b>6099</b>	<b>Directed Instruction</b>	TUT	TU	1 to 3	15		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Supervised practice in instructing.									
FAR	DFT	<b>THAR</b>	<b>6100</b>	<b>Practicum in Acting</b>	LAB	LB	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Preparation, rehearsal, and performance of a role for public performance.									
FAR	DFT	<b>THAR</b>	<b>6110</b>	<b>Acting III: Application and Character</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 5111 Students will develop tools to further incorporate the work of playing an action in pursuit of an objective. Emphasis will be placed on transforming to and creating complex characters; working with a stronger sense of craft and greater specificity. Heightened language texts will be introduced.									
FAR	DFT	<b>THAR</b>	<b>6111</b>	<b>Acting IV: Character and Heightened Language</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 6110 Playing Shakespeare and other advanced acting skills. Using a range of scenes and monologues, the students will explore, rehearse, and perform the works of William Shakespeare. Emphasis will be placed on use of text, specificity, character, and personalization. Additionally, the acting vocabulary will be expanded to include the understanding and application of one or more additional acting methods.									
FAR	DFT	<b>THAR</b>	<b>6160</b>	<b>Physical Theater I</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 5161 The application of advanced technique and integrated movement vocabulary to a more sophisticated study including creation of scenes, heightened language/verse, and character. The research may include study of specialized and advanced practices in stage combat, advanced scene work with special movement challenges, or heightened language as well as advanced composition devising original ensemble, physically-based work.									
FAR	DFT	<b>THAR</b>	<b>6161</b>	<b>Physical Theater II</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 6160 Through observation and exploration of outside elements including visual arts, music, everyday life, archetypes, as well as their imaginations and individual research, students will study advanced technique and integrate the movement vocabulary into advanced study including creation of character. The research may include readings, mask work, improvisation, and scene work, as well as individual, partner, and ensemble composition.									
FAR	DFT	<b>THAR</b>	<b>6162</b>	<b>Stage Combat</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Will focus on the safe and dramatically effective execution of theatrical violence. Students will learn skill sets specific to stage combat. Of primary importance will be the skills necessary to execute a fight without the risk of injury to the performers involved. Through the preparation and performance of dramatic and comedic scenes involving stage combat, the student will experience the process of stage combat as it applies to the actor.									
FAR	DFT	<b>THAR</b>	<b>6170</b>	<b>Voice and Speech for the Actor III</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 517C The Language of Shakespeare, a textual and practical overview of Shakespeare's use of language and rhetorical devices.									
FAR	DFT	<b>THAR</b>	<b>6171</b>	<b>Voice and Speech for the Actor IV</b>	STU	ST	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		THAR 6170 Vocal work intended to release undue tension in the voice, increase power, and range without unnecessary strain and incorporate specific speech with heightened expressivity.									

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FAR	DFT	<b>THAR</b>	<b>6200</b>	<b>Practicum in Directing</b>	LAB	LB	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		A-F, 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	DFT	<b>THAR</b>	<b>6210</b>	<b>Period Style and the Director I</b>	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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	DFT	<b>THAR</b>	<b>6210</b>	<b>Period Style and the Director I</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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	DFT	<b>THAR</b>	<b>6211</b>	<b>Period Style and the Director II: Shakespeare</b>	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.									
FAR	DFT	<b>THAR</b>	<b>6211</b>	<b>Period Style and the Director II: Shakespeare</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.									
FAR	DFT	<b>THAR</b>	<b>6300</b>	<b>Practicum in Design and/or Technical Production</b>	LAB	LB	1 to 6	45		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Practical application of design or technical theory in planning and execution of university production.									
FAR	DFT	<b>THAR</b>	<b>6320</b>	<b>Advanced Costume Design Techniques</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Advanced problems and projects that explore style and process challenges for film, opera, dance, and high theatricality productions. Assignments emphasize advanced conceptualization.									
FAR	DFT	<b>THAR</b>	<b>6340</b>	<b>Advanced Scenic Design Techniques</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Advanced problems and projects in scenic design emphasizing style, conceptualization, and collaboration.									
FAR	DFT	<b>THAR</b>	<b>6350</b>	<b>Advanced Technical Direction</b>	TUT	TU	3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Advanced problems and projects in technical direction emphasizing problem solving, research and development, management, and collaboration.									
FAR	DFT	<b>THAR</b>	<b>6390</b>	<b>Creating the Realized Design/Main Stage Process</b>	STU	ST	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway, and regional theaters.									
FAR	DFT	<b>THAR</b>	<b>6510</b>	<b>Seminar in Contemporary Playwrights</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Prepares students to understand the professional play developmental process as well as national contemporary trends in the theater through a critical examination of plays currently in development at national new play venues such as New Dramatists, Playwrights Center, and the O'Neill Center.									
FAR	DFT	<b>THAR</b>	<b>6511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part II</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		In-depth development of rewriting techniques through the application of rewriting theory; the creation of and adherence to concrete rewriting proposals. Actor collaboration. Director collaboration.									
FAR	DFT	<b>THAR</b>	<b>6520</b>	<b>Writing for Production III</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The third course in the series is designed to introduce students to the basic skills necessary to balance their artistic goals, as stated in their artistic statements, with the demands of a theatrical producer.									

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FAR	DFT	<b>THAR</b>	<b>6520</b>	<b>Writing for Production III</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 5520 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6521</b>	<b>Writing for Production IV</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 5520 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6530</b>	<b>Second Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 5531 Development of the second-year full-length play through the application of advanced theories of Dramatic Structure.	SEM	EL	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6530</b>	<b>Second Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 5531 Development of the second-year full-length play through the application of advanced theories of Dramatic Structure.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6531</b>	<b>Second Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 6530 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.	SEM	EL	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6531</b>	<b>Second Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: THAR 6530 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6900</b>	<b>Special Topics in Theater Arts</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6900</b>	<b>Special Topics in Theater Arts</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6940</b>	<b>Thesis: Research</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Graduate theater major Supervised research and preparation for a thesis production, performance, portfolio, written thesis, or written play.	RSC	RS	1 to 15	30		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6950</b>	<b>Theater Written Thesis</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Permission required 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.	THE	TH	1 to 15	30		N	G40		0
FAR	DFT	<b>THAR</b>	<b>6960</b>	<b>Theater Project/Portfolio Thesis</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Permission required 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.	TUT	TU	1 to 15	30		I	G40		0
FAR	DFT	<b>THAR</b>	<b>7100</b>	<b>Practicum in Acting</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: Preparation, rehearsal, and performance of a role for public performance.	LAB	LB	1 to 6	18		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7110</b>	<b>Acting V: Style</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: THAR 6111 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7111</b>	<b>Acting VI: Bridging to the Business</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: THAR 7110 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.	STU	ST	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7160</b>	<b>Voice and Movement</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: REQUISITE: THAR 6161 Full integration of voice and movement skills in the ensemble process and performance of heightened text.	STU	ST	3	6		N	G40		0

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FAR	DFT	<b>THAR</b>	<b>7170</b>	<b>Voice and Speech for the Actor V</b>	STU	ST	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: THAR 6171									
				COURSE DESC: Voice and Speech Specialties, to include the introduction of dialects, dialect transcription and the study of voice-overs.									
FAR	DFT	<b>THAR</b>	<b>7210</b>	<b>Directing Symposium-Orson Welles on Shakespeare</b>	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: THAR 6211									
				COURSE DESC: To take a close look at the contributions made by Orson Welles as an interpreter of Shakespeare through sound recordings, radio performances, stage productions, and his three film adaptations.									
FAR	DFT	<b>THAR</b>	<b>7210</b>	<b>Directing Symposium-Orson Welles on Shakespeare</b>	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: THAR 6211									
				COURSE DESC: To take a close look at the contributions made by Orson Welles as an interpreter of Shakespeare through sound recordings, radio performances, stage productions, and his three film adaptations.									
FAR	DFT	<b>THAR</b>	<b>7211</b>	<b>Directing Symposium-Great Directors and Their Work</b>	LAB	LB	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: THAR 7210									
				COURSE DESC: Organized around the principle that young directors benefit tremendously from a thorough study of the influential, groundbreaking directors who have preceded them. Rather than attempting to cover the entirety of theater history, would provide a more in-depth, intensive study of a number of notable individuals who figure as touchstones in the history of stage directing. Among the figures who loom large as key individuals are the Duke of Saxe-Meiningen, Gordon Craig, William Poel, Harley Granville-Barker, Joan Littlewood, Peter Brook, Peter Hall, Margo Jones, Ariane Mnouchkine, Joseph Chaikin, Anne Bogart, and Tadeusz Kantor to name a few.									
FAR	DFT	<b>THAR</b>	<b>7211</b>	<b>Directing Symposium-Great Directors and Their Work</b>	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: THAR 7210									
				COURSE DESC: Organized around the principle that young directors benefit tremendously from a thorough study of the influential, groundbreaking directors who have preceded them. Rather than attempting to cover the entirety of theater history, would provide a more in-depth, intensive study of a number of notable individuals who figure as touchstones in the history of stage directing. Among the figures who loom large as key individuals are the Duke of Saxe-Meiningen, Gordon Craig, William Poel, Harley Granville-Barker, Joan Littlewood, Peter Brook, Peter Hall, Margo Jones, Ariane Mnouchkine, Joseph Chaikin, Anne Bogart, and Tadeusz Kantor to name a few.									
FAR	DFT	<b>THAR</b>	<b>7300</b>	<b>Practicum in Design and/or Technical Production</b>	LAB	LB	1 to 12	30		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: PD&T major									
				COURSE DESC: Practical application of design or technical theory in planning and execution of university production in final year of training.									
FAR	DFT	<b>THAR</b>	<b>7310</b>	<b>Seminar: Lighting</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of production designs.									
FAR	DFT	<b>THAR</b>	<b>7320</b>	<b>Seminar: Costume Design</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of production designs.									
FAR	DFT	<b>THAR</b>	<b>7340</b>	<b>Seminar: Scenic Design</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of production designs.									
FAR	DFT	<b>THAR</b>	<b>7350</b>	<b>Seminar: Technical Direction</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	<b>THAR</b>	<b>7360</b>	<b>Seminar: Costume Technology</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: THAR 5362									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	<b>THAR</b>	<b>7370</b>	<b>Seminar: Sound</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	<b>THAR</b>	<b>7380</b>	<b>Seminar: Crafts/Props</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Tutorial development of advanced portfolio projects and preparation of productions.									
FAR	DFT	<b>THAR</b>	<b>7390</b>	<b>Seminar in Production Design and Technology</b>	TUT	TU	1 to 9	18		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: 2nd or 3rd year PD&T major									
				COURSE DESC: Preparation, planning, and presentation of a portfolio or portfolio projects in theatrical design and/or technical production.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	DFT	<b>THAR</b>	<b>7510</b>	<b>Seminar in Research and Business Practices for Playwrights</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7510</b>	<b>Seminar in Research and Business Practices for Playwrights</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part III</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part III</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7520</b>	<b>Writing for Production V</b> ELIGIBLE GRADES: A-F, 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.	SEM	EL	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7520</b>	<b>Writing for Production V</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7521</b>	<b>Writing for Production VI</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7530</b>	<b>Third Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Development of the thesis play through the application and synthesis of advanced theories of Dramatic Structure.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7531</b>	<b>Third Year Playwrights Workshop</b> ELIGIBLE GRADES: A-F, 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.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7710</b>	<b>Greek Theater and Drama</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar covering theater and drama from ancient Greece.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7720</b>	<b>Roman and Medieval Theater</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar covering theater and drama from ancient Rome through the medieval era.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7730</b>	<b>Renaissance Theater and Drama</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar covering theater and drama in the Renaissance.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7740</b>	<b>Restoration and 18th-Century Theater</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar covering theater and drama from the Restoration through the 18th- century.	SEM	SE	3	6		N	G40		0
FAR	DFT	<b>THAR</b>	<b>7750</b>	<b>Baroque Theater and Drama</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Seminar covering theater and drama in the Baroque era.	SEM	SE	3	6		N	G40		0

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FAR	DFT	<b>THAR</b>	<b>7760</b>	<b>19th-Century Theater and Drama</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Seminar covering theater and drama in the 19th- century.					
FAR	DFT	<b>THAR</b>	<b>7770</b>	<b>Modern Theater and Drama</b>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Seminar covering theater and drama in the modern era.					
FAR	DFT	<b>THAR</b>	<b>7770</b>	<b>Modern Theater and Drama</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Seminar covering theater and drama in the modern era.					
FAR	DFT	<b>THAR</b>	<b>7901</b>	<b>Internship in Acting</b>	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required Supervised internship experience with a professional company.					
FAR	DFT	<b>THAR</b>	<b>7902</b>	<b>Internship in Directing</b>	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required Supervised internship experience with a professional company.					
FAR	DFT	<b>THAR</b>	<b>7903</b>	<b>Internship in Design or Production</b>	TUT	TU	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:		Permission required Supervised internship experience with a professional production company. May be repeated for additional experience. Internship forms required.					
FAR	DFT	<b>THAR</b>	<b>7905</b>	<b>Internship in Playwriting</b>	TUT	TU	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:		30 graduate level credit hours complete Supervised work and observation experience at a professional theater, playwright service organization, or new play development center.					
FAR	DFT	<b>THAR</b>	<b>7991</b>	<b>Independent Studies in Acting</b>	TUT	TU	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Advanced study projects in aspects and issues of acting beyond normal course offerings.					
FAR	DFT	<b>THAR</b>	<b>7992</b>	<b>Independent Studies in Directing</b>	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required Advanced study projects in aspects and issues of directing beyond normal course offerings.					
FAR	DFT	<b>THAR</b>	<b>7995</b>	<b>Independent Studies in Playwriting</b>	TUT	TU	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Advanced study projects in the application of theories of playwriting beyond normal course offerings.					
FAR	DFT	<b>THAR</b>	<b>7997</b>	<b>Independent Studies in History, Research, and Criticism</b>	TUT	TU	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required 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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FAR	FAR	<b>FAR</b>	<b>1500</b>	<b>Viewing Performance</b>	LEC	LE	2	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the Schools of Music, Dance, and Theater with a seminar course dealing with characteristics of the medium and artistic concerns. A two-hour seminar precedes and follows each of the performances.									
FAR	FAR	<b>FAR</b>	<b>2900</b>	<b>Special Topics in Fine Arts</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	FAR	<b>FAR</b>	<b>2900</b>	<b>Special Topics in Fine Arts</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	FAR	<b>T3</b>	<b>4605</b>	<b>Culture, Energy, and Environment</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course explores the arts and culture of our region as related to energy and the environment both past and present. Topics will include music of coal miners; murals, festivals and performance commemorating the culture of mining towns; historic preservation of local architecture; material culture and memory in local museums and historical societies; engagements and encounters with the environment; and protest cultures related to energy extraction past and present. Throughout, attention will be paid to questions of citizenship and social justice. Students will engage the material firsthand through readings, screenings, guest lectures and performances, and field trips.									

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FAR	IART	<b>IART</b>	<b>1170</b>	<b>Introduction to the Arts: Arts in Contexts</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>2900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>3600J</b>	<b>Writing in the Arts</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IART 1170 and 1180 and fine arts major						
		COURSE DESC:		Critical analyses of form, media, and content in arts stressing instruction in critical writing.									
FAR	IART	<b>IART</b>	<b>3600J</b>	<b>Writing in the Arts</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IART 1170 and 1180 and fine arts major						
		COURSE DESC:		Critical analyses of form, media, and content in arts stressing instruction in critical writing.									
FAR	IART	<b>IART</b>	<b>4001</b>	<b>Senior Seminar: Interdisciplinary Arts</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Major in Fine Arts and Sr only						
		COURSE DESC:		Designed to explore special topics in the arts at the advanced undergraduate level.									
FAR	IART	<b>IART</b>	<b>4900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>4900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Permission required						
		COURSE DESC:		Individual investigation of selected topics.									
FAR	IART	<b>IART</b>	<b>5401</b>	<b>World Aesthetic Ideas</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>5900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>5930</b>	<b>Independent Study</b>	IND	IS	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent exploration of a selected topic.									



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FAR	IART	<b>IART</b>	<b>6900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>6900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>7001</b>	<b>Research Skills</b>	SEM	SE	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LAB	LB	1 to 4	99		N	G50		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>7101</b>	<b>Studies in Medieval and Renaissance Music</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Cultural history of music, 1600-1900									
FAR	IART	<b>IART</b>	<b>7103</b>	<b>Studies in 19th- Century Music</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This seminar examines special topics in ancient Greco-Roman visual culture, with a focus on painting, sculpture, and architecture.									
FAR	IART	<b>IART</b>	<b>7202</b>	<b>Special Topics in Medieval Visual Culture</b>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		This seminar examines special topics in western medieval visual culture, with a focus on manuscript illumination, painting, sculpture, and architecture.									
FAR	IART	<b>IART</b>	<b>7203</b>	<b>Special Topics in Early Modern Visual Culture</b>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content varies.									
FAR	IART	<b>IART</b>	<b>7403</b>	<b>Contemporary Aesthetics and Theory</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Seminar content varies.									
FAR	IART	<b>IART</b>	<b>7404</b>	<b>Critical Theory and the Arts</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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.									

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COURSE LISTING  
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FAR	IART	<b>IART</b>	<b>7405</b>	<b>Theories of Theater I</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		The body is a central concern of performance studies. As a foundation for discussions of the body in performance studies and related disciplines, the focus is on seminal theories of the body, including but not limited to, those of Butler, Foucault, Haraway, Mauss, and Merleau-Ponly.									
FAR	IART	<b>IART</b>	<b>7503</b>	<b>Performance Studies</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	12		N	G50		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		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>7701</b>	<b>Greek-Medieval Theater and Drama</b>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	SE	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>8900</b>	<b>Special Topics in Interdisciplinary Arts</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	IART	<b>IART</b>	<b>8901</b>	<b>Seminar in Interdisciplinary Arts</b>	SEM	SE	4	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		This team-taught seminar focuses on a selected interdisciplinary topic in the arts.									

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FAR	IART	<b>IART</b>	<b>8930</b>	<b>Independent Study</b>	IND	IS	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Independent, interdisciplinary study of a topic in the arts									
FAR	IART	<b>IART</b>	<b>8950</b>	<b>Dissertation</b>	THE	TH	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Dissertation as recommended by department.									
FAR	IART	<b>T3</b>	<b>4601</b>	<b>Cultural Tradition and the Arts: Greek to Medieval</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).									
FAR	IART	<b>T3</b>	<b>4601</b>	<b>Cultural Tradition and the Arts: Greek to Medieval</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).									
FAR	IART	<b>T3</b>	<b>4602</b>	<b>Cultural Tradition and the Arts: Renaissance to Baroque</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).									
FAR	IART	<b>T3</b>	<b>4602</b>	<b>Cultural Tradition and the Arts: Renaissance to Baroque</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).									
FAR	IART	<b>T3</b>	<b>4603</b>	<b>Cultural Tradition and the Arts: 19th and 20th Centuries</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).									
FAR	IART	<b>T3</b>	<b>4603</b>	<b>Cultural Tradition and the Arts: 19th and 20th Centuries</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).									
FAR	IART	<b>T3</b>	<b>4604</b>	<b>Art and Morality</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only The relation between artworks and moral values, examined through diverging theories and philosophical perspectives. The work of specific artists from various historical periods, with emphasis on recent and contemporary debates among artists and philosophers. The theme is whether aesthetic and ethical values are mutually reconcilable.									
FAR	IART	<b>T3</b>	<b>4604</b>	<b>Art and Morality</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only The relation between artworks and moral values, examined through diverging theories and philosophical perspectives. The work of specific artists from various historical periods, with emphasis on recent and contemporary debates among artists and philosophers. The theme is whether aesthetic and ethical values are mutually reconcilable.									

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COURSE LISTING  
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FAR	MUS	<b>MUS</b>	<b>D099</b>	<b>Theory Preparation for Music Majors</b>	TUT	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		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>D099</b>	<b>Theory Preparation for Music Majors</b>	TUT	TU	1	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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>1000</b>	<b>Introduction to Music Theory</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>1009</b>	<b>Theory Fundamentals for Music Majors</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Study of the formal, melodic, harmonic, and rhythmic principles of tonal music.									
FAR	MUS	<b>MUS</b>	<b>1011</b>	<b>Music Theory Non-Majors I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major and appropriate score on the theory placement exam						
		COURSE DESC:		This course will cover the fundamentals of aural skills for music majors, including basic vocal technique, range expansion, pitch matching, octave transfer, meter determination, contour, protonotation, introductory dictation, basic conducting patterns, the performance of rhythmic patterns using counting syllables, and the singing of scales and simple diatonic melodies using solmization. This course will also introduce basic keyboard skills.									
FAR	MUS	<b>MUS</b>	<b>1030</b>	<b>Dictation and Sight Singing I</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Acquisition of skills in the aural perception and reading of melodic, harmonic, and rhythmic musical structure. Should be taken concurrently with MUS 1010.									

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FAR	MUS	<b>MUS</b>	<b>1040</b>	<b>Dictation and Sight Singing II</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MUS 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>	STU	ST	0	999		N	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Music major						
		COURSE DESC:		Recital and concert attendance. Required of all undergraduate music majors.									
FAR	MUS	<b>MUS</b>	<b>1200</b>	<b>Exploring Musical Styles</b>	LEC	LE	2	0	2FA	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Non-music major and WARNING: No credit for this course if taken after the following: MUS 1250						
		COURSE DESC:		Development of listening skills for understanding elements of musical style in historical perspective and significance of music as fine art.									
FAR	MUS	<b>MUS</b>	<b>1210</b>	<b>Introduction to World Music</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provide a survey of music as it exists in many cultures. As an introduction to the study of world music students will experience and understand the values and meaning of music in the lives of diverse human communities.									
FAR	MUS	<b>MUS</b>	<b>1240</b>	<b>History of Rock Music I</b>	LEC	LE	3	0	2FA	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines birth, growth, and development of rock music through its acceptance as art form with significant influence on youth culture and resulting social implications.									
FAR	MUS	<b>MUS</b>	<b>1250</b>	<b>Introduction to Music History and Literature</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MUS 1410 and music major						
		COURSE DESC:		Continuation of MUS 1410. Group instruction in piano for music majors.									
FAR	MUS	<b>MUS</b>	<b>1421</b>	<b>Class Piano II Non-Majors</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		For elementary education majors only. Reviews the fundamentals of music with piano applications.									

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FAR	MUS	<b>MUS</b>	<b>1610</b>	<b>Music for the Classroom Teacher</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Non-Music major						
		COURSE DESC:		Introduction to guitar fundamentals, including the playing of chords and melodies by using varied systems of notation, basic strumming and finger-picking techniques, and tuning. Skill development in the use of guitar in vocal accompaniment and early solo work.									
FAR	MUS	<b>MUS</b>	<b>1660</b>	<b>Class Folk Guitar II</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>1690X</b>	<b>Wind Band Abroad</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	Must be a member of the OU Marching Band or Wind Symphony						
		COURSE DESC:		This course is for the enrichment of our band students in the Marching 110 and Wind Symphony and to expose the uniqueness of American bands to France. Both ensembles are open to all student at Ohio University via audition. The course will begin with a history of the musical arts within France and the historical Franco-American connection. It will also introduce students to some conversational basics of the French language as well as French culture. Students will additionally learn about travel safety and risk mitigation in France. During the second half of the semester, students will learn and rehearse the musical repertoire to be performed in Paris and Normandy. The capstone of the course is the trip to France in May, 2016. Performances will take place in Paris and Normandy.									
FAR	MUS	<b>MUS</b>	<b>1780</b>	<b>Computer Skills for Musicians</b>	LAB	LB	1	0		N	U30		75
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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 Music Educators</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Provides the prospective music educator with technology skills, knowledge of software, and methods for using technology in the music classroom.									
FAR	MUS	<b>MUS</b>	<b>1790</b>	<b>Technology for Music Educators</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Provides the prospective music educator with technology skills, knowledge of software, and methods for using technology in the music classroom.									
FAR	MUS	<b>MUS</b>	<b>1810</b>	<b>Introduction to Music Therapy</b>	LEC	EL	2	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to clinical practice of music therapy; clinical observation.									
FAR	MUS	<b>MUS</b>	<b>1810</b>	<b>Introduction to Music Therapy</b>	LEC	LE	2	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Guitar and non-symphonic classroom instruments; special instrumental methods for disabled.									
FAR	MUS	<b>MUS</b>	<b>1820</b>	<b>Recreational Music Instruments and Materials</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Music major						
		COURSE DESC:		Guitar and non-symphonic classroom instruments; special instrumental methods for disabled.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>2010</b>	<b>Music Theory III</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2020</b>	<b>Music Theory IV</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MUS 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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MUS 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>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MUS 1240						
		COURSE DESC:		This course is a continuation of MUS 1240, History of Rock Music I. MUS 2240 is a historical survey of Rock music from the 1970's through the 1990's and beyond.									
FAR	MUS	<b>MUS</b>	<b>2410</b>	<b>Class Piano III</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MUS 1420 and music major						
		COURSE DESC:		Group instruction in piano for music majors.									
FAR	MUS	<b>MUS</b>	<b>2420</b>	<b>Class Piano IV</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MUS 2410 and music major						
		COURSE DESC:		Group instruction in piano for music majors; continuation of MUS 2410.									
FAR	MUS	<b>MUS</b>	<b>2440</b>	<b>Communiversity Band</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Wide variety of music literature, including marches, overtures, and musicals is studied and performed both on and off campus under both a permanent and guest conductor.									
FAR	MUS	<b>MUS</b>	<b>2480</b>	<b>African Ensemble I</b>	STU	ST	1	4		N	U10		0
		ELIGIBLE GRADES:		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>2481</b>	<b>African Ensemble II</b>	STU	ST	1	999		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Advanced study and performance of African music and dance in an ensemble setting from sub-Saharan Africa. Students employ various African performance techniques and to demonstrate their skills using the master drum, supporting instruments, singing and dance. Films and videotapes provide visual examples. Opportunities to perform on campus and also tour with the ensemble.									
FAR	MUS	<b>MUS</b>	<b>2490</b>	<b>Brass Choir</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Performance of literature for large brass ensemble.									
FAR	MUS	<b>MUS</b>	<b>2510</b>	<b>Marching Band</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Marching band for football and other university activities.									
FAR	MUS	<b>MUS</b>	<b>2511</b>	<b>Wind Symphony</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Performance of literature for the wind symphony.									
FAR	MUS	<b>MUS</b>	<b>2512</b>	<b>University Concert Band</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Audition						
		COURSE DESC:		Performance of literature for concert band.									

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FAR	MUS	<b>MUS</b>	<b>2513</b>	<b>Varsity Band</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Provide music for various university indoor athletic events.									
FAR	MUS	<b>MUS</b>	<b>2514</b>	<b>Symphonic Band</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for large concert band.									
FAR	MUS	<b>MUS</b>	<b>2520</b>	<b>Symphony Orchestra</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for the symphony orchestra.									
FAR	MUS	<b>MUS</b>	<b>2521</b>	<b>Campus Orchestra</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		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>2530</b>	<b>University Singers</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of music for SATB choir.									
FAR	MUS	<b>MUS</b>	<b>2531</b>	<b>Choral Union</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance of music for large chorus, including literature for chorus and instruments.									
FAR	MUS	<b>MUS</b>	<b>2532</b>	<b>Opera Theater</b>	STU	ST	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Preparation and performance of musical works for the stage.									
FAR	MUS	<b>MUS</b>	<b>2533</b>	<b>The Singing Men of Ohio</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Preparation and performance of music for men's choir.									
FAR	MUS	<b>MUS</b>	<b>2534</b>	<b>Women's Chorale</b>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Performance and preparation of music for women's chorus.									
FAR	MUS	<b>MUS</b>	<b>2540</b>	<b>Chamber Music, Strings</b>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	.5	999		I	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	999		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	999		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Percussion ensemble rehearsal and performance.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>2552</b>	<b>Trombone Choir</b>	STU	ST	.5	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Permission required							
		COURSE DESC:		Performance and preparation of music for trombone choir.									
FAR	MUS	<b>MUS</b>	<b>2610</b>	<b>Upper Strings Methods and Materials</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in trombone, euphonium and tuba with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	<b>MUS</b>	<b>2633</b>	<b>Instrumental Methods Lab Band</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 2631 and 2632 and 2635 and 2636							
		COURSE DESC:		Prepares prospective instrumental music educator for planning and implementing beginning band rehearsals in a heterogeneous instruments class setting.									
FAR	MUS	<b>MUS</b>	<b>2635</b>	<b>Flute, Saxophone &amp; Clarinet Methods and Materials</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in flute, saxophone, and clarinet with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	<b>MUS</b>	<b>2636</b>	<b>Double Reed Methods and Materials</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(Music education or therapy major) and (Soph or Jr or Sr)							
		COURSE DESC:		Instruction in oboe and bassoon, with emphasis on teaching techniques, methods, and materials.									
FAR	MUS	<b>MUS</b>	<b>2810</b>	<b>Observation, Evaluation, and Research in Music Therapy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 1810 and (Soph or Jr or Sr)							
		COURSE DESC:		Observation and evaluation skill development through classroom videotape, and field data collection and analysis; tests and evaluations; research methods and their application to clinical investigations.									
FAR	MUS	<b>MUS</b>	<b>2830</b>	<b>Multi-Cultural Percussion and Movement</b>	STU	ST	1	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music Therapy major and (Soph or Jr or Sr)							
		COURSE DESC:		Introduces variety of multi-cultural percussive instruments and dances associated with selected African, Mediterranean, and Latin cultures. Assists meeting professional competencies required by the American Music Therapy Association under professional and advanced competencies and Standards of Practice. Adaptations for work with groups of children and adults with special needs.									
FAR	MUS	<b>MUS</b>	<b>2900</b>	<b>Special Topics in Music</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	MUS	<b>MUS</b>	<b>2900</b>	<b>Special Topics in Music</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
FAR	MUS	<b>MUS</b>	<b>2920</b>	<b>Music Therapy Second-Year Practicum</b>	PRA	PR	1	2		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:	Music Therapy major and (Soph or Jr or Sr)							
		COURSE DESC:		Selected field experiences in approved clinical facilities; field evaluation of student.									
FAR	MUS	<b>MUS</b>	<b>2970T</b>	<b>Theory and Musicianship I</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC Music major							
		COURSE DESC:		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>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 2970T							
		COURSE DESC:		Honors College tutorial on music history topics.									

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FAR	MUS	<b>MUS</b>	<b>2980T</b>	<b>Theory and Musicianship II</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: MUS 2970T						
		COURSE DESC:		First year, second semester Honors College tutorial on chromatic music theory, including musicianship and an introduction to post-tonal music theory.									
FAR	MUS	<b>MUS</b>	<b>2981T</b>	<b>Studies in Music History II</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: MUS 2971T						
		COURSE DESC:		Honors College tutorial on music history topics.									
FAR	MUS	<b>MUS</b>	<b>3040</b>	<b>Instrumentation</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: MUS 2020						
		COURSE DESC:		Technical characteristics of instruments of band and orchestra. Arranging for small ensembles.									
FAR	MUS	<b>MUS</b>	<b>3040</b>	<b>Instrumentation</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: MUS 2020						
		COURSE DESC:		Technical characteristics of instruments of band and orchestra. Arranging for small ensembles.									
FAR	MUS	<b>MUS</b>	<b>3050</b>	<b>Orchestration</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3050</b>	<b>Orchestration</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1	999		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	2	999		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3210</b>	<b>History and Literature of Music I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: Music major						
		COURSE DESC:		Studio instruction in voice.									
FAR	MUS	<b>MUS</b>	<b>3410</b>	<b>Piano</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: Music major						
		COURSE DESC:		Studio instruction in piano.									
FAR	MUS	<b>MUS</b>	<b>3420</b>	<b>Harp</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: Music major						
		COURSE DESC:		Studio instruction in harp.									
FAR	MUS	<b>MUS</b>	<b>3430</b>	<b>Organ</b>	STU	ST	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: Music major						
		COURSE DESC:		Studio instruction in organ.									
FAR	MUS	<b>MUS</b>	<b>3431</b>	<b>Harpsichord</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F			REQUISITE: Music major						
		COURSE DESC:		Studio instruction in harpsichord.									

**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>3440</b>	<b>Violin</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in violin.									
FAR	MUS	<b>MUS</b>	<b>3450</b>	<b>Viola</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in viola.									
FAR	MUS	<b>MUS</b>	<b>3460</b>	<b>Violoncello</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in violoncello.									
FAR	MUS	<b>MUS</b>	<b>3470</b>	<b>Double Bass</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in double bass.									
FAR	MUS	<b>MUS</b>	<b>3480</b>	<b>Flute</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in flute.									
FAR	MUS	<b>MUS</b>	<b>3490</b>	<b>Oboe</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in oboe.									
FAR	MUS	<b>MUS</b>	<b>3500</b>	<b>Bassoon</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in bassoon.									
FAR	MUS	<b>MUS</b>	<b>3510</b>	<b>Clarinet</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in clarinet.									
FAR	MUS	<b>MUS</b>	<b>3520</b>	<b>Saxophone</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in saxophone.									
FAR	MUS	<b>MUS</b>	<b>3530</b>	<b>Trumpet</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in trumpet.									
FAR	MUS	<b>MUS</b>	<b>3540</b>	<b>Horn</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in horn.									
FAR	MUS	<b>MUS</b>	<b>3550</b>	<b>Euphonium</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in euphonium.									
FAR	MUS	<b>MUS</b>	<b>3560</b>	<b>Trombone</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in trombone.									
FAR	MUS	<b>MUS</b>	<b>3570</b>	<b>Tuba</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major							
		COURSE DESC:		Studio instruction in tuba.									
FAR	MUS	<b>MUS</b>	<b>3580</b>	<b>Percussion</b>	STU	ST	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 3590 and music major							
		COURSE DESC:		Group piano instruction in advanced functional keyboard skills.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>3625</b>	<b>The History of Jazz</b>	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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>3625</b>	<b>The History of Jazz</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3630</b>	<b>Instrumental Methods and Materials</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3640</b>	<b>Secondary School Choral Techniques and Materials</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for high school choral groups.									
FAR	MUS	<b>MUS</b>	<b>3640</b>	<b>Secondary School Choral Techniques and Materials</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr standing in Music Education							
		COURSE DESC:		Literature and rehearsal techniques for high school choral groups.									
FAR	MUS	<b>MUS</b>	<b>3660</b>	<b>General Music Methods</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr standing in Music Education or Music Therapy							
		COURSE DESC:		Materials and methods for elementary music. For music majors only.									
FAR	MUS	<b>MUS</b>	<b>3660</b>	<b>General Music Methods</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Jr standing in Music Education or Music Therapy							
		COURSE DESC:		Materials and methods for elementary music. For music majors only.									
FAR	MUS	<b>MUS</b>	<b>3661</b>	<b>Introduction to Orff Schulwerk</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 1020 or 1610							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	<b>MUS</b>	<b>3661</b>	<b>Introduction to Orff Schulwerk</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	MUS 1020 or 1610							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	<b>MUS</b>	<b>3662</b>	<b>Early Childhood Music Education</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major and Jr standing in music education							
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	<b>MUS</b>	<b>3662</b>	<b>Early Childhood Music Education</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Music major and Jr standing in music education							
		COURSE DESC:		Introduces music majors to the methods and materials for teaching music to preschool children.									
FAR	MUS	<b>MUS</b>	<b>3680</b>	<b>Woodwind and Brass Instrument Repair</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	MUS 2020 and 2040							
		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>3720</b>	<b>Advanced Functional Skills</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Piano major and (Jr or Sr)							
		COURSE DESC:		Instruction providing greater facility in handling basic functional keyboard skills. Emphasis on transferring these skills to actual situations encountered as music educators and/or music therapists.									
FAR	MUS	<b>MUS</b>	<b>3750</b>	<b>English and Italian Diction for Singers</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	ITAL 1110							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	<b>MUS</b>	<b>3752</b>	<b>German Diction for Singers</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	GER 1110							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									

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FAR	MUS	<b>MUS</b>	<b>3753</b>	<b>French Diction for Singers</b>	STU	ST	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: FR 1110									
				Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	<b>MUS</b>	<b>3754</b>	<b>Vocal Coaching</b>	TUT	TU	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 1020 or 1040									
				Prepares singer for performance in concert, recital and opera. Aspects covered include style, performance practice, lyric diction, interpretation, and audition preparation. Includes preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.									
FAR	MUS	<b>MUS</b>	<b>3770</b>	<b>Jazz Improvisation I</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		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 Location modes, the ii-V7-I progression, and culminating with final project utilizing blues form.									
FAR	MUS	<b>MUS</b>	<b>3790</b>	<b>Performance Preparation</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE:									
				Assistance in developing strategies for preparing physically and psychologically to achieve maximum potential in musical performance.									
FAR	MUS	<b>MUS</b>	<b>3790</b>	<b>Performance Preparation</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE:									
				Assistance in developing strategies for preparing physically and psychologically to achieve maximum potential in musical performance.									
FAR	MUS	<b>MUS</b>	<b>3820</b>	<b>Psychological Foundations of Music Therapy</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr in music therapy									
				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>3820</b>	<b>Psychological Foundations of Music Therapy</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr in music therapy									
				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>	PRA	PR	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Jr standing in Music Therapy									
				Selected field experiences in approved clinical facilities; field evaluation of student.									
FAR	MUS	<b>MUS</b>	<b>3921</b>	<b>Practicum in Music</b>	PRA	PR	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Provides practical experiences such as supervised private and/or small-group teaching, seminars in instrument repair, small touring ensembles, and pit orchestra performance. Maximum accumulative credits are 8.									
FAR	MUS	<b>MUS</b>	<b>3970T</b>	<b>Studies in Music I</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 2981T									
				Honors College tutorial on music topics.									
FAR	MUS	<b>MUS</b>	<b>3980T</b>	<b>Studies in Music II</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 3970T									
				Honors College tutorial on music topics.									
FAR	MUS	<b>MUS</b>	<b>4050</b>	<b>Jazz Theory I</b>	LEC	EL	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 2020 and 2040 and keyboard skills									
				Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>4050</b>	<b>Jazz Theory I</b>	LEC	LE	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 2020 and 2040 and keyboard skills									
				Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>4051</b>	<b>Jazz Theory II</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4050									
				Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>4051</b>	<b>Jazz Theory II</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4050									
				Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									

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FAR	MUS	<b>MUS</b>	<b>4070</b>	<b>Counterpoint I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		I	U30		40
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		I	U30		40
		ELIGIBLE GRADES:		A-F	REQUISITE:		Permission required						
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	<b>MUS</b>	<b>4150</b>	<b>Computers and Music Production</b>	LEC	LE	2	0		I	U30		40
		ELIGIBLE GRADES:		A-F	REQUISITE:		Permission required						
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	<b>MUS</b>	<b>4160</b>	<b>Project in Electronic Music</b>	LEC	EL	2	4		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		Creating a major project using MIDI synthesizers and software and/or digital audio.									
FAR	MUS	<b>MUS</b>	<b>4160</b>	<b>Project in Electronic Music</b>	LEC	LE	2	4		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		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>	LEC	EL	3	0		I	U30		40
		ELIGIBLE GRADES:		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>4170</b>	<b>Computer Music Programming</b>	LEC	LE	3	0		I	U30		40
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4210</b>	<b>Literature of Choral Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4211</b>	<b>Literature of Piano Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4212</b>	<b>Literature of Chamber Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4213</b>	<b>Literature of Orchestral Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		MUS 1250 and 2020 and 2040						
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									

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FAR	MUS	<b>MUS</b>	<b>4214</b>	<b>Literature of Organ Music</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4214</b>	<b>Literature of Organ Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4215</b>	<b>Literature of Opera</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		MUS 1250 and 2020 and 2040						
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	<b>MUS</b>	<b>4216</b>	<b>Literature of Band Music</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		MUS 1250 and 2020 and 2040						
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	<b>MUS</b>	<b>4217X</b>	<b>Opera and Choral Literature in the Western Tradition</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		MUS 1250 and 2020 and 2040						
		COURSE DESC:		An historical survey of the genres of opera and choral literature in the Western musical tradition.									
FAR	MUS	<b>MUS</b>	<b>4250</b>	<b>Music of Africa</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Introduction to selected types of folk music in United States.									
FAR	MUS	<b>MUS</b>	<b>4270</b>	<b>Folk Music in the United States</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1	3		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4550</b>	<b>Basic Conducting</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4561</b>	<b>Choral Conducting</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		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>4573</b>	<b>Solo Vocal Repertoire I: French and British</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		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>4574</b>	<b>Solo Vocal Repertoire II: Germany and United States</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	MUS 1250						
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	<b>MUS</b>	<b>4576</b>	<b>Keyboard Repertoire I</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	MUS 1250						
		COURSE DESC:		Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.									
FAR	MUS	<b>MUS</b>	<b>4577</b>	<b>Keyboard Repertoire II</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	MUS 1250						
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	<b>MUS</b>	<b>4577</b>	<b>Keyboard Repertoire II</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	MUS 1250						
		COURSE DESC:		Piano repertoire of 19th- and 20th-centuries beginning with works from the middle of the Romantic Period and including major works of composers to the present.									
FAR	MUS	<b>MUS</b>	<b>4580</b>	<b>Piano Pedagogy I</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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.									



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FAR	MUS	<b>MUS</b>	<b>4582</b>	<b>Group Piano Pedagogy</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>4582</b>	<b>Group Piano Pedagogy</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									
FAR	MUS	<b>MUS</b>	<b>4583</b>	<b>Organ Pedagogy</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
FAR	MUS	<b>MUS</b>	<b>4585</b>	<b>Vocal Pedagogy</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
FAR	MUS	<b>MUS</b>	<b>4620</b>	<b>Music in the Multicultural United States</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4820 Program development process for selected clinical populations; administration of music therapy program.									

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FAR	MUS	<b>MUS</b>	<b>4830</b>	<b>Music Therapy Principles and Techniques III</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4820									
				Program development process for selected clinical populations; administration of music therapy program.									
FAR	MUS	<b>MUS</b>	<b>4900</b>	<b>Special Topics in Music Therapy</b>	TUT	TU	2	4		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C- or better in (MUS 2020 and 2040)									
				Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.									
FAR	MUS	<b>MUS</b>	<b>4910</b>	<b>Internship in Music Therapy</b>	FLD	FE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MUS 4820									
				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>	PRA	PR	1	4		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Sr standing in music therapy									
				Selected field experience in approved clinical facilities; field evaluation of student.									
FAR	MUS	<b>MUS</b>	<b>4930</b>	<b>Independent Project</b>	IND	EL	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Independent project in music studies or performance.									
FAR	MUS	<b>MUS</b>	<b>4930</b>	<b>Independent Project</b>	IND	IS	1 to 4	999		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Independent project in music studies or performance.									
FAR	MUS	<b>MUS</b>	<b>4931</b>	<b>Music Clinic Workshop</b>	IND	EL	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Music education or therapy major) and Sr only									
				Music workshop for public school teachers.									
FAR	MUS	<b>MUS</b>	<b>4931</b>	<b>Music Clinic Workshop</b>	IND	IS	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (Music education or therapy major) and Sr only									
				Music workshop for public school teachers.									
FAR	MUS	<b>MUS</b>	<b>4940</b>	<b>Junior Recital</b>	RSC	RS	2	0	3	I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and music major and Jr in applied music									
				Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.									
FAR	MUS	<b>MUS</b>	<b>4941</b>	<b>Senior Recital</b>	RSC	RS	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4940 and Sr in applied music									
				Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.									
FAR	MUS	<b>MUS</b>	<b>4943</b>	<b>Recital</b>	RSC	RS	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				Junior or senior recital for non-applied majors.									
FAR	MUS	<b>MUS</b>	<b>4950</b>	<b>Senior Thesis I</b>	TUT	TU	1	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Music major and Sr only									
				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>	TUT	TU	2	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4950									
				Independent research in music theory or music history, or major creative work in music composition, completing a senior thesis. Continuation of MUS 4950.									
FAR	MUS	<b>MUS</b>	<b>4970T</b>	<b>Thesis Research and Creative Activity/Writing I</b>	TUT	TU	1 to 12	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 3980T									
				Honors College tutorial for the thesis, first semester of two.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>4980T</b>	<b>Thesis Research and Creative Activity/Writing II</b>	TUT	TU	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 4970T and HTC Honors College tutorial for the thesis, second semester of two.									
FAR	MUS	<b>MUS</b>	<b>5000</b>	<b>Tonal Theory Review</b>	LEC	LE	1.5	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Review of tonal music theory for entering graduate students. Assignment to class based on results of the Graduate Music Theory Placement Examination. Course seven weeks in duration. No credit given toward the music theory requirement in any graduate program in the School of Music.									
FAR	MUS	<b>MUS</b>	<b>5001</b>	<b>Post-Tonal Theory Review</b>	LEC	EL	1.5	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5001</b>	<b>Post-Tonal Theory Review</b>	LEC	LE	1.5	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>5020</b>	<b>Introduction to Schenkerian Analysis</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Pass Graduate Music Theory Exam or MUS 5000 Introduction to the analytical technique pioneered by the work of Heinrich Schenker.									
FAR	MUS	<b>MUS</b>	<b>5020</b>	<b>Introduction to Schenkerian Analysis</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Pass Graduate Music Theory Exam or MUS 5000 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Pass Graduate Music Theory Exam or MUS 5001 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: MUS 5020 or 5030 or 5070 or 5071 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>	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Keyboard skills Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>5050</b>	<b>Jazz Theory I</b>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Keyboard skills Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>5051</b>	<b>Jazz Theory II</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 5050 Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>5051</b>	<b>Jazz Theory II</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MUS 5050 Harmonic vocabulary, notational systems, and chord progressions in traditional jazz.									
FAR	MUS	<b>MUS</b>	<b>5070</b>	<b>Counterpoint I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Analysis and composition in sacred style of 16th century.									
FAR	MUS	<b>MUS</b>	<b>5071</b>	<b>Counterpoint II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	TUT	TU	2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Non-composition major Introduction to contemporary compositional techniques. Writing smaller compositions.									
FAR	MUS	<b>MUS</b>	<b>5090</b>	<b>Composition</b>	STU	ST	3	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Composition major Introduction to contemporary compositional techniques. Writing smaller compositions.									

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FAR	MUS	<b>MUS</b>	<b>5130</b>	<b>History and Practice of Electronic Music</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.									
FAR	MUS	<b>MUS</b>	<b>5130</b>	<b>History and Practice of Electronic Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5140</b>	<b>Advanced Orchestration</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	<b>MUS</b>	<b>5150</b>	<b>Computers and Music Production</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Using various MIDI and digital audio applications running on microcomputers to produce a series of small projects in electronic music.									
FAR	MUS	<b>MUS</b>	<b>5160</b>	<b>Project in Electronic Music</b>	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Creating a major project using MIDI synthesizers and software and/or digital audio.									
FAR	MUS	<b>MUS</b>	<b>5160</b>	<b>Project in Electronic Music</b>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5170</b>	<b>Computer Music Programming</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of major choral works throughout music history.									
FAR	MUS	<b>MUS</b>	<b>5210</b>	<b>Literature of Choral Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of the major works for the piano and their composers.									
FAR	MUS	<b>MUS</b>	<b>5211</b>	<b>Literature of Piano Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of instrumental chamber music from 1650 to the present.									
FAR	MUS	<b>MUS</b>	<b>5212</b>	<b>Literature of Chamber Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of principal works for orchestra, 1750 to the present.									

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FAR	MUS	<b>MUS</b>	<b>5213</b>	<b>Literature of Orchestral Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of the principal works for organ, circa 1300 to the present.									
FAR	MUS	<b>MUS</b>	<b>5214</b>	<b>Literature of Organ Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of opera literature from its inception circa 1600 to the present.									
FAR	MUS	<b>MUS</b>	<b>5215</b>	<b>Literature of Opera</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	<b>MUS</b>	<b>5216</b>	<b>Literature of Band Music</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of literature for the wind band.									
FAR	MUS	<b>MUS</b>	<b>5240</b>	<b>History of Musical Styles I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5240</b>	<b>History of Musical Styles I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5241</b>	<b>History of Musical Styles II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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.									
FAR	MUS	<b>MUS</b>	<b>5270</b>	<b>Folk Music in the United States</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to selected types of folk music in United States.									
FAR	MUS	<b>MUS</b>	<b>5270</b>	<b>Folk Music in the United States</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to selected types of folk music in United States.									

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FAR	MUS	<b>MUS</b>	<b>5280</b>	<b>Jazz History</b>	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE:									
				COURSE DESC: Study of jazz styles to 1970.									
FAR	MUS	<b>MUS</b>	<b>5280</b>	<b>Jazz History</b>	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE:									
				COURSE DESC: Study of jazz styles to 1970.									
FAR	MUS	<b>MUS</b>	<b>5400</b>	<b>Voice</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio lessons in voice.									
FAR	MUS	<b>MUS</b>	<b>5410</b>	<b>Piano</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in piano.									
FAR	MUS	<b>MUS</b>	<b>5420</b>	<b>Harpsichord</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in harpsichord.									
FAR	MUS	<b>MUS</b>	<b>5421</b>	<b>Violin</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in violin.									
FAR	MUS	<b>MUS</b>	<b>5422</b>	<b>Viola</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in viola.									
FAR	MUS	<b>MUS</b>	<b>5423</b>	<b>Violoncello</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in violoncello.									
FAR	MUS	<b>MUS</b>	<b>5424</b>	<b>Double Bass</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in double bass.									
FAR	MUS	<b>MUS</b>	<b>5425</b>	<b>Harp</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in harp.									
FAR	MUS	<b>MUS</b>	<b>5430</b>	<b>Flute</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in flute.									
FAR	MUS	<b>MUS</b>	<b>5431</b>	<b>Oboe</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in oboe.									
FAR	MUS	<b>MUS</b>	<b>5432</b>	<b>Clarinet</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in clarinet.									
FAR	MUS	<b>MUS</b>	<b>5433</b>	<b>Bassoon</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in bassoon.									
FAR	MUS	<b>MUS</b>	<b>5434</b>	<b>Saxophone</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in saxophone.									
FAR	MUS	<b>MUS</b>	<b>5440</b>	<b>Trumpet</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in trumpet.									
FAR	MUS	<b>MUS</b>	<b>5441</b>	<b>Horn</b>	STU	ST	1 to 6	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Studio instruction in horn.									

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FAR	MUS	<b>MUS</b>	<b>5442</b>	<b>Trombone</b>	STU	ST	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Studio instruction in trombone.									
FAR	MUS	<b>MUS</b>	<b>5443</b>	<b>Euphonium</b>	STU	ST	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Studio instruction in euphonium.									
FAR	MUS	<b>MUS</b>	<b>5444</b>	<b>Tuba</b>	STU	ST	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Studio instruction in tuba.									
FAR	MUS	<b>MUS</b>	<b>5450</b>	<b>Percussion</b>	STU	ST	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Studio instruction in percussion instruments.									
FAR	MUS	<b>MUS</b>	<b>5460</b>	<b>Organ</b>	STU	ST	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Studio instruction in organ.									
FAR	MUS	<b>MUS</b>	<b>5470</b>	<b>Brass Choir</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Performance of literature for large brass ensemble.									
FAR	MUS	<b>MUS</b>	<b>5480</b>	<b>African Ensemble I</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		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>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Audition							
		COURSE DESC:		Advanced study and performance of African music and dance in an ensemble setting from sub-Saharan Africa. Students employ various African performance techniques and to demonstrate their skills using the master drum, supporting instruments, singing and dance. Films and videotapes provide visual examples. Opportunities to perform on campus and also tour with the ensemble.									
FAR	MUS	<b>MUS</b>	<b>5490</b>	<b>Collaborative Piano</b>	TUT	TU	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	TUT	TU	1	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	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>	STU	ST	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Marching band for football and other university activities.									
FAR	MUS	<b>MUS</b>	<b>5511</b>	<b>Wind Symphony</b>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for the wind symphony.									
FAR	MUS	<b>MUS</b>	<b>5512</b>	<b>University Concert Band</b>	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for concert band.									
FAR	MUS	<b>MUS</b>	<b>5513</b>	<b>Varsity Band</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Provide music for various university indoor athletic events.									
FAR	MUS	<b>MUS</b>	<b>5514</b>	<b>Symphonic Band</b>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for large concert band.									
FAR	MUS	<b>MUS</b>	<b>5520</b>	<b>Symphony Orchestra</b>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Audition							
		COURSE DESC:		Performance of literature for the symphony orchestra.									

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FAR	MUS	<b>MUS</b>	<b>5521</b>	<b>Campus Orchestra</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Audition						
		COURSE DESC:		Performance of music for SATB choir.									
FAR	MUS	<b>MUS</b>	<b>5531</b>	<b>Choral Union</b>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	STU	ST	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Audition						
		COURSE DESC:		Preparation and performance of music for men's choir.									
FAR	MUS	<b>MUS</b>	<b>5534</b>	<b>Women's Chorale</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Audition						
		COURSE DESC:		Performance and preparation of music for women's chorus.									
FAR	MUS	<b>MUS</b>	<b>5540</b>	<b>Chamber Music, Strings</b>	STU	ST	.5	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Participation in playing of standard string chamber literature.									
FAR	MUS	<b>MUS</b>	<b>5541</b>	<b>Chamber Music, Woodwinds</b>	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Participation in playing of standard woodwind chamber literature.									
FAR	MUS	<b>MUS</b>	<b>5542</b>	<b>Chamber Music, Brass</b>	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Participation in playing of standard brass chamber literature.									
FAR	MUS	<b>MUS</b>	<b>5543</b>	<b>Chamber Music, Percussion</b>	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Participation in playing of standard percussion chamber literature.									
FAR	MUS	<b>MUS</b>	<b>5544</b>	<b>Chamber Music, Contemporary</b>	STU	ST	.5	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>5545</b>	<b>Chamber Music, Piano</b>	STU	ST	.5	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Participation in playing of standard piano chamber literature.									
FAR	MUS	<b>MUS</b>	<b>5550</b>	<b>Jazz Ensemble</b>	STU	ST	1	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Audition						
		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>	STU	ST	1	999		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Percussion ensemble rehearsal and performance.									
FAR	MUS	<b>MUS</b>	<b>5552</b>	<b>Trombone Choir</b>	STU	ST	.5	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Performance and preparation of music for trombone choir.									
FAR	MUS	<b>MUS</b>	<b>5570</b>	<b>String Instrument Pedagogy and Repertoire</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5573</b>	<b>Solo Vocal Repertoire I: French and British</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.									
FAR	MUS	<b>MUS</b>	<b>5574</b>	<b>Solo Vocal Repertoire II: Germany and United States</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Pedagogy and solo repertoire of percussion instruments.									
FAR	MUS	<b>MUS</b>	<b>5576</b>	<b>Keyboard Repertoire I</b>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5576</b>	<b>Keyboard Repertoire I</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5577</b>	<b>Keyboard Repertoire II</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>5581</b>	<b>Piano Pedagogy II</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>5582</b>	<b>Group Piano Pedagogy</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>5582</b>	<b>Group Piano Pedagogy</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>5583</b>	<b>Organ Pedagogy</b>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.									

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FAR	MUS	<b>MUS</b>	<b>5583</b>	<b>Organ Pedagogy</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	SEM	EL	2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced reading and conducting of large instrumental works.									
FAR	MUS	<b>MUS</b>	<b>5590</b>	<b>Advanced Instrumental Conducting</b>	SEM	SE	2	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced reading and conducting of large instrumental works.									
FAR	MUS	<b>MUS</b>	<b>5591</b>	<b>Advanced Choral Conducting</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced reading and conducting of large choral works. Standard and new works for public school and college groups.									
FAR	MUS	<b>MUS</b>	<b>5591</b>	<b>Advanced Choral Conducting</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced reading and conducting of large choral works. Standard and new works for public school and college groups.									
FAR	MUS	<b>MUS</b>	<b>5592</b>	<b>Applied Conducting</b>	STU	ST	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Permission required 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>5630</b>	<b>Instrumental Techniques and Materials</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced techniques for high school and college instrumental groups. Literature and materials.									
FAR	MUS	<b>MUS</b>	<b>5630</b>	<b>Instrumental Techniques and Materials</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Techniques for preparation of high school and college marching band performance.									
FAR	MUS	<b>MUS</b>	<b>5640</b>	<b>Marching Band Techniques</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Advanced techniques for high school and college vocal groups. Literature and materials.									
FAR	MUS	<b>MUS</b>	<b>5650</b>	<b>Choral Techniques and Materials</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5660</b>	<b>Contemporary Elementary Music Education</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									
FAR	MUS	<b>MUS</b>	<b>5661</b>	<b>Introduction to Orff Schulwerk</b>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to music, materials, instruments, and pedagogy used in Orff teaching.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>5662</b>	<b>Early Childhood Music Education</b>	LEC	EL	2	4		N	G40		0
		ELIGIBLE GRADES:		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>5662</b>	<b>Early Childhood Music Education</b>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5680</b>	<b>General Music in Junior High School</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5691X</b>	<b>Ohio University Choral Scholars Study Abroad</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Choral Scholars is a select group of student vocalists. Members generally come from the School of Music, but individuals from all majors are encouraged to apply. As a study abroad program, Choral Scholars rehearses during the second-half of semesters in which an international program is taking place.									
FAR	MUS	<b>MUS</b>	<b>5700X</b>	<b>History of Film Music</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		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>5750</b>	<b>English and Italian Diction for Singers</b>	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	<b>MUS</b>	<b>5752</b>	<b>German Diction for Singers</b>	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	<b>MUS</b>	<b>5753</b>	<b>French Diction for Singers</b>	STU	ST	1	2		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.									
FAR	MUS	<b>MUS</b>	<b>5754</b>	<b>Vocal Coaching</b>	TUT	TU	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares singer for performance in concert, recital and opera. Aspects covered include style, performance practice, lyric diction, interpretation, and audition preparation. Includes preparation of operatic, oratorio or other lyric theater repertoire as well as song literature.									
FAR	MUS	<b>MUS</b>	<b>5770</b>	<b>Jazz Improvisation I</b>	STU	ST	1	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	1	2		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		A practical course aimed at assisting students in developing strategies for preparing themselves physically and psychologically to achieve their maximal performance potential. The course will include components in basic anatomy, physical fitness, healthy body alignment, injury prevention, vocal wellness, nutrition, yoga, tai chi, and qi gong, stress management, and intervention strategies for coping with performance anxiety. Faculty with special training in the various disciplines will teach the individual course components.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>5790</b>	<b>Performance Preparation</b> ELIGIBLE GRADES: CR, 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.	LEC	LE	1	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5820</b>	<b>Psychological Foundations of Music Therapy</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5820</b>	<b>Psychological Foundations of Music Therapy</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5830</b>	<b>Research in Music Therapy</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Introduction to graduate research in music therapy.	LEC	EL	3	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5830</b>	<b>Research in Music Therapy</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Introduction to graduate research in music therapy.	LEC	LE	3	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5840</b>	<b>Clinical Practice in Music Therapy</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5840</b>	<b>Clinical Practice in Music Therapy</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5850</b>	<b>Seminar in Music Therapy</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5850</b>	<b>Seminar in Music Therapy</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	2	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5860</b>	<b>Graduate Seminar: Teaching Music in Higher Education</b> ELIGIBLE GRADES: CR, F 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.	SEM	SE	1	0		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5900</b>	<b>Special Topics in Music Therapy</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.	LEC	EL	1 to 15	999		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5900</b>	<b>Special Topics in Music Therapy</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.	LEC	LE	1 to 15	999		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5901</b>	<b>Special Topics in Tonal Analysis</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	6		N	G40		0
FAR	MUS	<b>MUS</b>	<b>5902</b>	<b>Special Topics in Post-Tonal Analysis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.	LEC	LE	3	6		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>5903</b>	<b>Special Topics in Music Theory</b>	SEM	SE	4	0		N	G40		0
		ELIGIBLE GRADES:		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 Theory Practicum</b>	PRA	PR	1	6		N	G40		0
		ELIGIBLE GRADES:		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>	PRA	PR	1 to 2	8		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		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>6100</b>	<b>Seminar in Music Theory</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>6200</b>	<b>Seminar in Theory, Music History and Literature</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		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>6200</b>	<b>Seminar in Theory, Music History and Literature</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>6310</b>	<b>Music Genres and Styles to 1520</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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.									
FAR	MUS	<b>MUS</b>	<b>6310</b>	<b>Music Genres and Styles to 1520</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		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.									
FAR	MUS	<b>MUS</b>	<b>6320</b>	<b>Renaissance and Baroque Music</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>6320</b>	<b>Renaissance and Baroque Music</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Classicism and romanticism in music from the 1740's through 1880.									
FAR	MUS	<b>MUS</b>	<b>6330</b>	<b>Classic and Romantic Music to 1880</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Music as artistic expression of the period from 1880 to the present.									
FAR	MUS	<b>MUS</b>	<b>6340</b>	<b>Post-Romantic and Contemporary Music</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Survey of music notation from monophonic notation systems through the Ars Nova.									

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FAR	MUS	<b>MUS</b>	<b>6370</b>	<b>Analysis of Music Notation</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Survey of music notation from monophonic notation systems through the Ars Nova.									
FAR	MUS	<b>MUS</b>	<b>6700</b>	<b>Contemporary Trends in Music Education</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6700</b>	<b>Contemporary Trends in Music Education</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>6710</b>	<b>Advanced Topics in Music Education I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History and philosophy of American music education.									
FAR	MUS	<b>MUS</b>	<b>6720</b>	<b>Advanced Topics in Music Education II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: History and philosophy of American music education.									
FAR	MUS	<b>MUS</b>	<b>6750</b>	<b>Introduction to Graduate Studies in Music Education</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Introduction to graduate study and research methods in music education.									
FAR	MUS	<b>MUS</b>	<b>6750</b>	<b>Introduction to Graduate Studies in Music Education</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6900</b>	<b>Special Topics in Music</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
FAR	MUS	<b>MUS</b>	<b>6900</b>	<b>Special Topics in Music</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
FAR	MUS	<b>MUS</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	EL	2 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>6931</b>	<b>Professional/Clinical Project in Music Education</b>	IND	IS	2 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	MUS	<b>MUS</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		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.						
		COURSE DESC:											
FAR	MUS	<b>MUS</b>	<b>6970</b>	<b>Recital</b>	TUT	TU	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Full-length public recital. A recording of the degree recital will be filed in the Music/Dance library.						
		COURSE DESC:											

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GRAD	GRAD	<b>IIP</b>	<b>6941</b>	<b>Professional Seminar 1</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, 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 Seminary 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>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Admission into IIP Masters or PhD program 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>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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>5680</b>	<b>Foundations in Bioethics</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tools in translational research is a survey course designed to acquaint students with the methods and approaches used in translational biomedical sciences. It will include basic methods for molecular biology and basic research in bio-medicine; clinical trails in animal models and humans; regulatory considerations; intellectual property issues; public health approaches; public policy approaches; community-based research; comparative effectiveness research; medical informatics as well as statistical and epidemiological methodology.									
GRAD	GRAD	<b>TBS</b>	<b>5720</b>	<b>Tools for Translational Research</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Tools in translational research is a survey course designed to acquaint students with the methods and approaches used in translational biomedical sciences. It will include basic methods for molecular biology and basic research in bio-medicine; clinical trails in animal models and humans; regulatory considerations; intellectual property issues; public health approaches; public policy approaches; community-based research; comparative effectiveness research; medical informatics as well as statistical and epidemiological methodology.									
GRAD	GRAD	<b>TBS</b>	<b>6220</b>	<b>Translational Biomedical Sciences Career Development Seminar</b>	SEM	SE	1	18		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: The 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	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	<b>TBS</b>	<b>6500</b>	<b>Capstone Experience in Translational Biomedical Science Competencies</b>	IND	IS	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	<b>TBS</b>	<b>6500</b>	<b>Capstone Experience in Translational Biomedical Science Competencies</b>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GRAD	GRAD	<b>TBS</b>	<b>6500</b>	<b>Capstone Experience in Translational Biomedical Science Competencies</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The capstone course is designed to identify and implement the core competencies in clinical and translational research defined by the National CTSA consortium. Key thematic areas will be covered in a seminar format and each student will engage in a capstone experience that involves applying these competences to a relevant problem in translational biomedical sciences from first a disciplinary and then from an interdisciplinary perspective. Since the course also aims to improve the ability to communicate, the capstone project will be presented both as a written report with recommendations, and as an oral presentation.									
GRAD	GRAD	<b>TBS</b>	<b>6940</b>	<b>Independent Research in Translational Biomedical Sciences</b>	RSC	RS	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research under direction of faculty member(s). As early as the first semester of graduate study, a student in the TBS program must begin to engage in research under the supervision of a TBS graduate faculty. During this time, the student will interact with TBS faculty open to accept TBS students into their established collaborative interdisciplinary research programs.									
GRAD	GRAD	<b>TBS</b>	<b>8950</b>	<b>Doctoral Research and Dissertation in Translational Biomedical Sciences</b>	THE	TH	1 to 15	135		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Satisfactory completion of the TBS core competency requirements and passing the qualifying examination						
		COURSE DESC:		Advanced specialized research in area of interest, culminating in a doctoral dissertation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	<b>ES</b>	<b>2900</b>	<b>Special Topics in Environmental Studies</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
GVS	ES	<b>ES</b>	<b>2900</b>	<b>Special Topics in Environmental Studies</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
GVS	ES	<b>ES</b>	<b>2970T</b>	<b>Environmental Studies Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: ES 2971T and HTC									
				COURSE DESC: Tutorial for HTC students in Environmental Studies.									
GVS	ES	<b>ES</b>	<b>3970T</b>	<b>Environmental Studies Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	TUT	TU	1 to 12	12		N	U30		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	FLD	FE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	LAB	LB	3	0		N	U30		0
				ELIGIBLE GRADES: 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>	SEM	SE	3	0	3	N	U30		0
				ELIGIBLE GRADES: A-F REQUISITE: Environmental studies certificate and Sr only									
				COURSE DESC: This is an interdisciplinary seminar that incorporates problem-solving, critical thinking, and leadership skills in the context of a contemporary environmental issue. The course is team taught by faculty in several disciplines and will offer students perspectives from the sciences and humanities.									
GVS	ES	<b>ES</b>	<b>4832</b>	<b>Sustainability Implementation Practicum</b>	SEM	SE	3	6		N	U30		0
				ELIGIBLE GRADES: 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>4900</b>	<b>Special Topics in Environmental Studies</b>	SEM	SE	1 to 3	6		N	U30		0
				ELIGIBLE GRADES: A-F, CR REQUISITE:									
				COURSE DESC: Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	<b>ES</b>	<b>4910</b>	<b>Environmental Studies Leadership Experience</b>	FLD	FE	1 to 5	0		I	U30		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: Permission required									
				COURSE DESC: Experiential learning for students pursuing leadership emphasis in the undergraduate Environmental Studies Certificate Program. Work with external organization(s) to solve environmental problems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	<b>ES</b>	<b>4970T</b>	<b>Environmental Studies Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ES 3980T and HTC							
		COURSE DESC:		Tutorial course for 4th year HTC students in Environmental Studies.									
GVS	ES	<b>ES</b>	<b>4980T</b>	<b>Environmental Studies Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	ES 4970T and HTC							
		COURSE DESC:		Tutorial course for 4th year HTC students in Environmental Studies.									
GVS	ES	<b>ES</b>	<b>5250</b>	<b>Watershed Management</b>	FLD	FE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5832</b>	<b>Sustainability Implementation Practicum</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		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>5900</b>	<b>Special Topics in Environmental Studies</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	<b>ES</b>	<b>5900</b>	<b>Special Topics in Environmental Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Designed as an undergraduate seminar on contemporary environmental issues.									
GVS	ES	<b>ES</b>	<b>6580</b>	<b>Environmental Studies Colloquium</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:								
		COURSE DESC:		Forum for presentation of original research, literature reviews, and discussions of contemporary environmental issues. Presentation by students, faculty, and guests.									
GVS	ES	<b>ES</b>	<b>6800</b>	<b>Seminar in Community-Based Environmental Studies</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Must be enrolled in MSES program							
		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	<b>ES</b>	<b>6810</b>	<b>Seminar in Environment and Society</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Interdisciplinary graduate-only offering covering such topics as natural resource conservation, environmental literacy, environmental ethics, policy, literature, and justice.									
GVS	ES	<b>ES</b>	<b>6820</b>	<b>Ecology and Environmental Issues</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Interdisciplinary, graduate-only offering of a systems approach to an ecology course, focusing on the human-environment relationship.									
GVS	ES	<b>ES</b>	<b>6830</b>	<b>Concepts in Environmental Sustainability</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		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	<b>ES</b>	<b>6840</b>	<b>Seminar in Environmental Leadership</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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	<b>ES</b>	<b>6900</b>	<b>Special Topics in Environmental Studies</b>	SEM	SE	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		Interdisciplinary, graduate only seminar that explores historical and contemporary environmental issues.									
GVS	ES	<b>ES</b>	<b>6910</b>	<b>Environmental Studies Internship</b>	FLD	FE	1 to 12	12		I	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:	Permission required							
		COURSE DESC:		Offers graduate studies the opportunity to pursue practical experience in the environmental field.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	ES	<b>ES</b>	<b>6940</b>	<b>Environmental Studies Research</b>	RSC	RS	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		Research for students pursuing non-thesis track in Master of Science in Environmental Studies.									
GVS	ES	<b>ES</b>	<b>6950</b>	<b>Environmental Studies Thesis</b>	THE	TH	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		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	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>ES</b>	<b>4920</b>	<b>Practicum in Environmental Studies</b>	PRA	PR	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 2	4		I	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5301</b>	<b>Global Water Resources</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6801</b>	<b>Preparing for Environmental Leadership Practicum</b>	SEM	SE	2	4		I	G40		0
		ELIGIBLE GRADES:		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>6831</b>	<b>Environmental Sustainability Assessment</b>	FLD	FE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	<b>ES</b>	<b>6831</b>	<b>Environmental Sustainability Assessment</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	<b>ES</b>	<b>6831</b>	<b>Environmental Sustainability Assessment</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:								
		COURSE DESC:		An introduction to sustainability assessment theory and application with special reference to the majors, degree programs, and career aspirations of the students in this practicum-style course. Class culminates in working with a local client to perform a sustainability assessment and, with this client in mind, analyzing, contextualizing, and writing up results and implications of the assessment.									
GVS	GVS	<b>ES</b>	<b>6920</b>	<b>Environmental Leadership Practicum</b>	PRA	PR	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		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.									
GVS	GVS	<b>ES</b>	<b>6930</b>	<b>Independent Study in Environmental Studies</b>	IND	IS	1 to 3	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>LPA</b>	<b>4140</b>	<b>Organization Theory and Politics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: POLS 2000									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: LPA 4010 and 4020									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>LPA</b>	<b>4860</b>	<b>Public Budgeting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	LPA	4900	<b>Special Topics in Leadership and Public Affairs</b>	LEC	EL	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
GVS	GVS	LPA	4900	<b>Special Topics in Leadership and Public Affairs</b>	LEC	LE	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
GVS	GVS	LPA	4910	<b>Strategy and Organization Consulting</b>	FLD	FE	3	0		I	U30		0
				ELIGIBLE GRADES: A-F COURSE DESC: Will provide students with real-world learning experiences in working as a consultant with public sector organizations and non-profit ventures. Students will work in teams using analysis-based decision-making to solve these clients' key organizational/programmatic problems. Students will also acquire the soft skills necessary for effective oral/written communication, persuasion, and conflict resolution.									
GVS	GVS	LPA	4920	<b>Applied Learning in Leadership and Public Affairs</b>	PRA	PR	1 to 9	999		I	U30		0
				ELIGIBLE GRADES: CR, F COURSE DESC: Provides students with credit for applied practical experiences in various projects in the public sector. Students participate in a combination of seminars, lectures and project-based learning under the guidance and mentoring of Voinovich School Faculty and staff.									
GVS	GVS	LPA	4930	<b>Independent Study in Leadership and Public Affairs</b>	IND	EL	1 to 3	6		I	U30		0
				ELIGIBLE GRADES: A-F, 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	LPA	4930	<b>Independent Study in Leadership and Public Affairs</b>	IND	IS	1 to 3	6		I	U30		0
				ELIGIBLE GRADES: A-F, 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	LPA	5640	<b>Conflict Management and Dispute Resolution in Public and Nonprofit organizations</b>	LEC	EL	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Will introduce you to the concepts of conflict management and the field of Dispute Resolution in general and interpersonal dispute mediation in particular. We will examine how non-adversarial, collaborative dispute resolution approaches can be used to address complex issues. You will learn new perspectives on conflict, evaluate conflict resolution approaches, and practice mediation skills.									
GVS	GVS	LPA	5640	<b>Conflict Management and Dispute Resolution in Public and Nonprofit organizations</b>	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Will introduce you to the concepts of conflict management and the field of Dispute Resolution in general and interpersonal dispute mediation in particular. We will examine how non-adversarial, collaborative dispute resolution approaches can be used to address complex issues. You will learn new perspectives on conflict, evaluate conflict resolution approaches, and practice mediation skills.									
GVS	GVS	LPA	5660	<b>Theories and Practices in Collaboration</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: This seminar focuses on theories and practices in collaboration.									
GVS	GVS	LPA	5840	<b>Entrepreneurial Consulting for Public and Non-Profit Organizations</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Designed to initially overview the consulting profession with a subsequent emphasis on entrepreneurial consulting issues as well as to introduce students to the entrepreneurial business enterprise in the public and non-profit sectors, its functional areas, challenges and success factors. Effort will be placed on developing proficiencies in a range of skills required to practice consulting as well as start, scale and run a successful organization. The course is relevant to those 1) who are specifically interested in consulting careers and / or 2) whose area of interest involves entrepreneurship, starting, scaling, managing and leading organizations in the public/non-profit sectors.									
GVS	GVS	LPA	5850	<b>Technology Transfer and Commercialization</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>LPA</b>	<b>5900</b>	<b>Special Topics in Leadership and Public Affairs</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	<b>LPA</b>	<b>5900</b>	<b>Special Topics in Leadership and Public Affairs</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	<b>MPA</b>	<b>5120</b>	<b>Public Personnel Administration</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>Organization Theory and Politics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>5580</b>	<b>Public Sector Program Evaluation</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MPA 6010 or POLS 601	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>5650</b>	<b>Implementation Science; Using Science in Practice</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MPA 6010 or POLS 601	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>5680</b>	<b>Non-profit Fundraising</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, 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.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>MPA</b>	<b>5720</b>	<b>Strategy and Organization Consulting</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5720</b>	<b>Strategy and Organization Consulting</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>MPA</b>	<b>5820</b>	<b>Human Behavior as Rational Action</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>MPA</b>	<b>5830</b>	<b>Data Analytics for Public and Non-profit Managers</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	(MPA 6010 or POLS 601) and MPA 6020						
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Focused upon key aspects of public policymaking and analysis, and designed to introduce you to ways of systematically thinking about public policies. Because one cannot analyze a policy without understanding the roots of the policy in question, in this course we spend some time understanding the key actors and forces in the policy arena, understanding how to develop an appropriate framework for analysis, and the limitations of each analytical framework.									
GVS	GVS	<b>MPA</b>	<b>5860</b>	<b>Public Budgeting</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This class examines principles of sound tax policy and politics surrounding revenue decisions. It also examines processes and techniques of governmental spending decisions. The practices and fundamental concepts of government accounting, budgeting, financial management and public finance will also be introduced. Contemporary cases of budget decision-making processes at the national, state and local budget systems will be considered.									
GVS	GVS	<b>MPA</b>	<b>5870</b>	<b>Financial Management in Government</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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 Management</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>MPA</b>	<b>5900</b>	<b>Special Topics in Masters of Public Administration</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		COURSE DESC:		Specific course content will vary with offering.									
GVS	GVS	<b>MPA</b>	<b>6010</b>	<b>Research Methods in Leadership and Public Affairs</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR 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>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR 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>6030</b>	<b>Qualitative Research Methods in Public Administration</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>Seminar in Public Administration</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		COURSE DESC:		Seminar content varies; underlying focus is on the creation of public value.									
GVS	GVS	<b>MPA</b>	<b>6900</b>	<b>Special Topics in Public Affairs</b>	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE:									
		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>	FLD	FE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		CR, F REQUISITE: Permission required									
		COURSE DESC:		Provides graduate students with credit for internships related to public affairs.									
GVS	GVS	<b>MPA</b>	<b>6920</b>	<b>Applied Learning in Leadership and Public Affairs</b>	PRA	PR	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		CR, F REQUISITE: Permission required									
		COURSE DESC:		Provides graduate 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>MPA</b>	<b>6930</b>	<b>Independent Study in Leadership and Public Affairs</b>	IND	EL	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE: Permission required									
		COURSE DESC:		Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty									
GVS	GVS	<b>MPA</b>	<b>6930</b>	<b>Independent Study in Leadership and Public Affairs</b>	IND	IS	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR REQUISITE: Permission required									
		COURSE DESC:		Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty									
GVS	GVS	<b>MPA</b>	<b>6950</b>	<b>Thesis in Public Affairs</b>	THE	TH	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F REQUISITE: Permission required									
		COURSE DESC:		Students completing a thesis as part of their graduate MPA degree can register for thesis hours.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AHSW</b>	<b>2970T</b>	<b>Translational Health - Applied Health Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		Research and recent developments in food and nutrition sciences for honors students.									
HSP	AHSW	<b>AHSW</b>	<b>4902H</b>	<b>Honors Seminar in Food and Nutrition Sciences</b>	SEM	SE	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		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>	RSC	RS	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		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>	RSC	RS	1 to 4	12		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		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>	RSC	RS	2 to 5	10		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		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>4980T</b>	<b>Translational Health - Applied Health Tutorial Senior Thesis</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		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>AT</b>	<b>1001</b>	<b>Introduction to Athletic Training</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to the athletic training profession by describing scope of practice, employment settings, and professional regulations.									
HSP	AHSW	<b>AT</b>	<b>1001</b>	<b>Introduction to Athletic Training</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an introduction to the athletic training profession by describing scope of practice, employment settings, and professional regulations.									
HSP	AHSW	<b>AT</b>	<b>1002</b>	<b>Clinical Skills in Athletic Training</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	AT 1001						
		COURSE DESC:		Introduction to patient-based athletic training skills including but not limited to: goniometry, crutch fitting, vital sign assessment.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AT</b>	<b>1002</b>	<b>Clinical Skills in Athletic Training</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AT 1001 Introduction to patient-based athletic training skills including but not limited to: goniometry, crutch fitting, vital sign assessment.									
HSP	AHSW	<b>AT</b>	<b>1150</b>	<b>Emergency Care in Athletic Training</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2100</b>	<b>Lower Extremity Examination</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2150</b>	<b>Upper Extremity Examination</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AT</b>	<b>2200</b>	<b>Therapeutic Modalities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2300</b>	<b>Therapeutic Exercise</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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.									
HSP	AHSW	<b>AT</b>	<b>2900</b>	<b>Special Topics in Athletic Training</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>2900</b>	<b>Special Topics in Athletic Training</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>2921</b>	<b>Practicum in Athletic Training I</b>	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		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>3100</b>	<b>Orthopedic Appliances</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3200</b>	<b>Dispositions of Medical Conditions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AT 2100 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AT</b>	<b>3300</b>	<b>Evidence-Based Practice in Athletic Training</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	AT 2100						
		COURSE DESC:		This course allows students to become better consumers of research-based information, this course will introduce research topics and the data collection and application of statistical methods used in athletic training and related research. This course also assists athletic training students in preparing for graduate study by guiding them through the development of a research proposal.									
HSP	AHSW	<b>AT</b>	<b>3690</b>	<b>Health and Injury in Performing Artists</b>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores health, wellness, injuries, and conditions pertinent to performing artists. Scientific principles of health maintenance and injury management will be augmented by analysis and application of current research. Students will gain an appreciation for the high physical demands on performing artists and the similarities between artistic performance and sports.									
HSP	AHSW	<b>AT</b>	<b>3690</b>	<b>Health and Injury in Performing Artists</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores health, wellness, injuries, and conditions pertinent to performing artists. Scientific principles of health maintenance and injury management will be augmented by analysis and application of current research. Students will gain an appreciation for the high physical demands on performing artists and the similarities between artistic performance and sports.									
HSP	AHSW	<b>AT</b>	<b>3693</b>	<b>Musculoskeletal Movement in Performing Arts</b>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Anatomy, kinesiology, and biomechanics will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to highlight appropriate musculoskeletal training protocols for selected injury prevention and to illustrate the role of healthcare practitioners in preventing and caring for musculoskeletal injuries in performing artists.									
HSP	AHSW	<b>AT</b>	<b>3693</b>	<b>Musculoskeletal Movement in Performing Arts</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Anatomy, kinesiology, and biomechanics will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to highlight appropriate musculoskeletal training protocols for selected injury prevention and to illustrate the role of healthcare practitioners in preventing and caring for musculoskeletal injuries in performing artists.									
HSP	AHSW	<b>AT</b>	<b>3921</b>	<b>Practicum in Athletic Training III</b>	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	AT 2922 or 280C						
		COURSE DESC:		Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on an actual patient population. Emphasis is placed on clinical decision-making.									
HSP	AHSW	<b>AT</b>	<b>3922</b>	<b>Practicum in Athletic Training IV</b>	PRA	PR	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	AT 3921						
		COURSE DESC:		Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on an actual patient population. Emphasis is placed on clinical decision-making.									
HSP	AHSW	<b>AT</b>	<b>4500</b>	<b>Athletic Training Administration</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4500</b>	<b>Athletic Training Administration</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AT</b>	<b>4900</b>	<b>Special Topics in Athletic Training</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>4900</b>	<b>Special Topics in Athletic Training</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>4910</b>	<b>Clinical Internship in Athletic Training</b>	FLD	EL	9 to 18	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		A capstone experience that integrates the knowledge and skills from classroom and clinical education in a setting of particular interest to the student. This experience assists the student in developing autonomy, refining professional behaviors, and gaining confidence that will enable the student to work independently.									
HSP	AHSW	<b>AT</b>	<b>4910</b>	<b>Clinical Internship in Athletic Training</b>	FLD	FE	9 to 18	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		A capstone experience that integrates the knowledge and skills from classroom and clinical education in a setting of particular interest to the student. This experience assists the student in developing autonomy, refining professional behaviors, and gaining confidence that will enable the student to work independently.									
HSP	AHSW	<b>AT</b>	<b>4921</b>	<b>Senior Practicum</b>	PRA	PR	2	4		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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	EL	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Independent student related to the science and practice of athletic training.									
HSP	AHSW	<b>AT</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 3	18		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Independent student related to the science and practice of athletic training.									
HSP	AHSW	<b>AT</b>	<b>4935</b>	<b>Special Problems</b>	IND	EL	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and effective plans toward potential solution. (Note: This is an expedited RSAT418 conversion [function was not working in OCEAN]).									
HSP	AHSW	<b>AT</b>	<b>4935</b>	<b>Special Problems</b>	IND	IS	1 to 4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		Individual research and experimentation of professional issues. Identifies pertinent problems and effective plans toward potential solution. (Note: This is an expedited RSAT418 conversion [function was not working in OCEAN]).									
HSP	AHSW	<b>AT</b>	<b>5100</b>	<b>Orthopedic Appliances</b>	LAB	LB	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	2	4		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>5180</b>	<b>Instructional Experience</b>	LAB	LB	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		A-F, 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>5300</b>	<b>Manual Therapy in Rehabilitation</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		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>5690</b>	<b>Health and Injury in Performing Artists</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Explores health, wellness, injuries, and conditions pertinent to performing artists. 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	AT	5690	<b>Health and Injury in Performing Artists</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: Explores health, wellness, injuries, and conditions pertinent to performing artists. Principles of health maintenance and injury management will be augmented by analysis and application of current research. Students will gain an appreciation for the high physical demands on performing artists and the similarities between artistic performance and sports.									
HSP	AHSW	AT	5693	<b>Musculoskeletal Movement in Performing Arts</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Kinesiological and biomechanical evaluation will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to outline musculoskeletal training protocols for injury prevention and the role of healthcare practitioners in preventing and caring for performing arts injuries will be presented.									
HSP	AHSW	AT	5693	<b>Musculoskeletal Movement in Performing Arts</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: A study of the demands placed on the human body in dance, music, and theater from musculoskeletal perspectives that include kinesiology, biomechanics, and healthcare. Kinesiological and biomechanical evaluation will be utilized to identify movements and possible injury mechanisms in performing artists. Case studies will be used to outline musculoskeletal training protocols for injury prevention and the role of healthcare practitioners in preventing and caring for performing arts injuries will be presented.									
HSP	AHSW	AT	5900	<b>Special Topics in Athletic Training</b>	LEC	EL	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.									
HSP	AHSW	AT	5900	<b>Special Topics in Athletic Training</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.									
HSP	AHSW	AT	6080	<b>Care and Prevention of Athletic-Related Injuries</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: 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>	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR 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>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR 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	6110	<b>Athletic Training Administration and Clinical Instruction</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Focuses on sports medicine administration including: management skills, human resource skills, documentation, communication, and strategies for service delivery in high schools and colleges/universities. Addresses the knowledge and skills required to be an approved clinical instructor for entry-level AT students.									
HSP	AHSW	AT	6200	<b>Advanced Theory in Therapeutic Modalities</b>	LAB	LB	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR 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>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, CR 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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>AT</b>	<b>6200</b>	<b>Advanced Theory in Therapeutic Modalities</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
HSP	AHSW	<b>AT</b>	<b>6210</b>	<b>Human Anatomy for Athletic Trainers</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6210</b>	<b>Human Anatomy for Athletic Trainers</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6210</b>	<b>Human Anatomy for Athletic Trainers</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6220</b>	<b>Athletic Training Research I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6220</b>	<b>Athletic Training Research I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6310</b>	<b>Neuromechanics of Sports Injury Rehabilitation</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6310</b>	<b>Neuromechanics of Sports Injury Rehabilitation</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6310</b>	<b>Neuromechanics of Sports Injury Rehabilitation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Master of Science in Athletic Training Major									
				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	<b>AT</b>	<b>6320</b>	<b>Athletic Training Research II</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AT 6220 or AT 671									
				The second course in the research series. Focus on final stages of their research projects: American Medical Association (AMA) manuscript formatting style, journal submission policies, and the fundamentals of oral, poster, and written research presentations.									
HSP	AHSW	<b>AT</b>	<b>6320</b>	<b>Athletic Training Research II</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AT 6220 or AT 671									
				The second course in the research series. Focus on final stages of their research projects: American Medical Association (AMA) manuscript formatting style, journal submission policies, and the fundamentals of oral, poster, and written research presentations.									
HSP	AHSW	<b>AT</b>	<b>6900</b>	<b>Special Topics in Athletic Training</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>6900</b>	<b>Special Topics in Athletic Training</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	AHSW	<b>AT</b>	<b>6920</b>	<b>Practicum</b>	PRA	PR	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required									
				Guided work experience in various aspects of administration and operation of athletic training facilities.									

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HSP	AHSW	<b>AT</b>	<b>6930</b>	<b>Special Problems</b>	IND	EL	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>6930</b>	<b>Special Problems</b>	IND	IS	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	EL	2	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>6940</b>	<b>Athletic Training Research Project</b>	RSC	RS	2	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	THE	EL	1 to 6	36		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required MS in Athletic Training thesis credit. Content varies.									
HSP	AHSW	<b>AT</b>	<b>6950</b>	<b>Athletic Training Thesis</b>	THE	TH	1 to 6	36		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required MS in Athletic Training thesis credit. Content varies.									
HSP	AHSW	<b>EXPH</b>	<b>1490</b>	<b>Introduction to Exercise Science</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fr or Soph Introduces students to professions in exercise sciences with special emphasis on exercise physiology. Basic concepts of human movement and the foundations of wellness and health related physical fitness are introduced.									
HSP	AHSW	<b>EXPH</b>	<b>1490</b>	<b>Introduction to Exercise Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fr or Soph Introduces students to professions in exercise sciences with special emphasis on exercise physiology. Basic concepts of human movement and the foundations of wellness and health related physical fitness are introduced.									
HSP	AHSW	<b>EXPH</b>	<b>2200</b>	<b>Applied Kinesiology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in EXPH 1490 and WARNING: No credit for this course if taken after the following: EXPH 3020 or EXPH 3200 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>2200</b>	<b>Applied Kinesiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in EXPH 1490 and WARNING: No credit for this course if taken after the following: EXPH 3020 or EXPH 3200 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>	LAB	LB	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Gives you the skills and knowledge of First Aid and CPR/AED. Certification given for successfully passing all components of the course.									
HSP	AHSW	<b>EXPH</b>	<b>2280</b>	<b>Community First Aid, and CPR/AED for the Professional Rescuer</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Gives you the skills and knowledge of First Aid and CPR/AED. Certification given for successfully passing all components of the course.									
HSP	AHSW	<b>EXPH</b>	<b>2290</b>	<b>Exercise Testing and Prescription</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AT 1002 or EXPH 1490 This course covers the background knowledge needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming to adults with no known diseases according to the standards set forth by the American College of Sports Medicine (ACSM). The content covered in this course will prepare students to take the ACSM's Health Fitness Specialist Certification.									
HSP	AHSW	<b>EXPH</b>	<b>2290</b>	<b>Exercise Testing and Prescription</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AT 1002 or EXPH 1490 This course covers the background knowledge needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming to adults with no known diseases according to the standards set forth by the American College of Sports Medicine (ACSM). The content covered in this course will prepare students to take the ACSM's Health Fitness Specialist Certification.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>EXPH</b>	<b>2295</b>	<b>Exercise Testing and Prescription Lab</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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). The content covered in this laboratory course will prepare students to take the ACSM's Health Fitness Specialist Certification.									
HSP	AHSW	<b>EXPH</b>	<b>2590</b>	<b>Physical Fitness</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (EXPH 2290 and 2295) or 2490 This course teaches the hands-on skills to attain and maintain physical fitness. Methods for improving and sustaining the five basic components of health related physical fitness will be presented (Cardiovascular endurance, Muscular strength, Muscular endurance, Flexibility, Body composition).									
HSP	AHSW	<b>EXPH</b>	<b>2900</b>	<b>Special Topics in Exercise Physiology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>EXPH</b>	<b>2900</b>	<b>Special Topics in Exercise Physiology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>EXPH</b>	<b>2921</b>	<b>Practicum in Exercise Physiology</b>	PRA	PR	1 to 4	4		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 2030 or 3010) 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>3010</b>	<b>Foundations of Exercise Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BIOS 2030 or 3010) 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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in EXPH 2280 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in BIOS 2030 or (3010 and 3015) 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>3200</b>	<b>Biomechanics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in BIOS 2030 or (3010 and 3015) 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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 3200 or concurrent 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>CPR/AED for the Professional Rescuer Instructor and First Aid Instructor</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 2280 American Red Cross CPR for the Professional Rescuer Instructor and Community First Aid Instructor content. Provides opportunity for instructor certifications.									
HSP	AHSW	<b>EXPH</b>	<b>3280</b>	<b>CPR/AED for the Professional Rescuer Instructor and First Aid Instructor</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 2280 American Red Cross CPR for the Professional Rescuer Instructor and Community First Aid Instructor content. Provides opportunity for instructor certifications.									
HSP	AHSW	<b>EXPH</b>	<b>3930</b>	<b>Independent Study</b>	IND	IS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and (Jr or Sr) Study and/or research in selected fields related to exercise physiology under direction of a group of EXPH faculty members.									

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HSP	AHSW	<b>EXPH</b>	<b>4140</b>	<b>Physiology of Exercise</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in (BIOS 3420 or 3430 or 3450)							
		COURSE DESC:		Fundamental concepts an application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	<b>EXPH</b>	<b>4145</b>	<b>Physiology of Exercise Lab</b>	LAB	LB	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(C or better in (EXPH 4140 or BIOS 4450)) or concurrent and Warning: No credit for both this course and the following (always deduct first course taken): BIOS 4460 and Warning: No credit for this course if the following is taken: EXPH 4145							
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	<b>EXPH</b>	<b>4145</b>	<b>Physiology of Exercise Lab</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	(C or better in (EXPH 4140 or BIOS 4450)) or concurrent and Warning: No credit for both this course and the following (always deduct first course taken): BIOS 4460 and Warning: No credit for this course if the following is taken: EXPH 4145							
		COURSE DESC:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	<b>EXPH</b>	<b>4160</b>	<b>Resistance Training:Theory and Application</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>4170</b>	<b>Clinical Exercise Physiology for Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	LAB	LB	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in (BIOS 3450 and 3455 and EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		In-depth study of electrocardiography (ECG/EKG) and other health-related cardiovascular assessment tools.									
HSP	AHSW	<b>EXPH</b>	<b>4490</b>	<b>Cardiovascular Assessments in Exercise Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in (BIOS 3450 and 3455 and EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		In-depth study of electrocardiography (ECG/EKG) and other health-related cardiovascular assessment tools.									
HSP	AHSW	<b>EXPH</b>	<b>4495</b>	<b>Exercise Testing and Prescription for Special Populations</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	EXPH 4490 or concurrent and C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150)) and Sr only							
		COURSE DESC:		Advanced knowledge of clinical exercise physiology. Students synthesize information from foundation courses in order to make modifications of diagnostic fitness evaluation, exercise prescriptions and exercise programming for high risk individuals and those with chronic diseases and disorders.									
HSP	AHSW	<b>EXPH</b>	<b>4495</b>	<b>Exercise Testing and Prescription for Special Populations</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	EXPH 4490 or concurrent and C or better in ((BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150)) and Sr only							
		COURSE DESC:		Advanced knowledge of clinical exercise physiology. Students synthesize information from foundation courses in order to make modifications of diagnostic fitness evaluation, exercise prescriptions and exercise programming for high risk individuals and those with chronic diseases and disorders.									
HSP	AHSW	<b>EXPH</b>	<b>4610</b>	<b>Advanced Topics in Exercise Performance</b>	LAB	LB	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F	REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))							
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									

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HSP	AHSW	<b>EXPH</b>	<b>4610</b>	<b>Advanced Topics in Exercise Performance</b>	LEC	EL	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))						
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									
HSP	AHSW	<b>EXPH</b>	<b>4610</b>	<b>Advanced Topics in Exercise Performance</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (EXPH 2490 and (BIOS 4450 or EXPH 4140) and (BIOS 4455 or 4460 or EXPH 4145 or 4150))						
		COURSE DESC:		Advance knowledge of topics in the performance of exercise and provide them with hands-on experience in administering specialized tests and understanding and developing performance-based training.									
HSP	AHSW	<b>EXPH</b>	<b>4620</b>	<b>Pediatric Exercise Physiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EXPH 2490 and ((BIOS 4450 or 4140) and (BIOS 4455 or EXPH 4145 or 4150))						
		COURSE DESC:		This course is designed to develop an understanding of the unique physiological responses to exercise in healthy and unhealthy children and the considerations for prescribing exercise as a treatment or prevention of childhood diseases.									
HSP	AHSW	<b>EXPH</b>	<b>4850</b>	<b>Motor Development</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4850</b>	<b>Motor Development</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	1 to 16	16		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required and (Jr or Sr)						
		COURSE DESC:		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>	RSC	RS	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, PR, 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>5140</b>	<b>Physiology of Exercise</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Physiology of exercise major						
		COURSE DESC:		Fundamental concepts and application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	<b>EXPH</b>	<b>5140</b>	<b>Physiology of Exercise</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Physiology of exercise major						
		COURSE DESC:		Fundamental concepts and application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations.									
HSP	AHSW	<b>EXPH</b>	<b>5145</b>	<b>Physiology of Exercise Lab</b>	LAB	LB	2	0		N	G40		0
		ELIGIBLE GRADES:		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:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	<b>EXPH</b>	<b>5145</b>	<b>Physiology of Exercise Lab</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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:		Laboratory experience to complement materials covered in Physiology of Exercise lecture and survey of skills and techniques used in exercise physiology settings.									
HSP	AHSW	<b>EXPH</b>	<b>5160</b>	<b>Resistance Training:Theory and Application</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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HSP	AHSW	<b>EXPH</b>	<b>5170</b>	<b>Clinical Exercise Physiology for Nursing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5170</b>	<b>Clinical Exercise Physiology for Nursing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	1	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		COURSE DESC:		A supervised practice/instructional experience in organizing and teaching activities within the program.									
HSP	AHSW	<b>EXPH</b>	<b>5850</b>	<b>Motor Development</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	RSC	RS	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	SE	1	8		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>6080</b>	<b>Research Methods and Statistical Applications</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>6160</b>	<b>Advanced Resistance Training</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		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).									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>EXPH</b>	<b>6170</b>	<b>Exercise Testing &amp; Prescription</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise programing. Emphasis is on graded exercise stress test administration, basic electrocardiography, and laboratory physical performance tests. Study of the underlying principles regarding the prescription of exercise for all populations (healthy individual, sedentary, and diseased).									
HSP	AHSW	<b>EXPH</b>	<b>6520</b>	<b>Advanced Laboratory Techniques in Exercise Physiology</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.									
HSP	AHSW	<b>EXPH</b>	<b>6520</b>	<b>Advanced Laboratory Techniques in Exercise Physiology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.									
HSP	AHSW	<b>EXPH</b>	<b>6520</b>	<b>Advanced Laboratory Techniques in Exercise Physiology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 6170 Advanced laboratory techniques refining and integrating cognitive and practical/experiential skills used in sport physiology, adult fitness/cardiac rehabilitation, and clinical exercise physiology environments. Including in-depth lecture in electrocardiography, and other noninvasive techniques used in assessing cardiovascular function.									
HSP	AHSW	<b>EXPH</b>	<b>6560</b>	<b>Advanced Physiology of Exercise</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 5140 and 5150 This course will explore the physiological and metabolic factors that limit human function and performance.									
HSP	AHSW	<b>EXPH</b>	<b>6560</b>	<b>Advanced Physiology of Exercise</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 5140 and 5150 This course will explore the physiological and metabolic factors that limit human function and performance.									
HSP	AHSW	<b>EXPH</b>	<b>6570</b>	<b>Advanced Physiology of Exercise Laboratory</b>	LAB	LB	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EXPH 6560 or concurrent This course focuses on advanced laboratory techniques and methods in exercise physiology.									
HSP	AHSW	<b>EXPH</b>	<b>6600</b>	<b>Advanced Biomechanics</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EXPH 5140 and 5150 Encompasses information on the specifics of equipment, data collection, and signal processing using the measurement tools of biomechanics. Students experience collecting EMG data, force related data, and 3-dimensional video data. After data collection, students utilize the appropriate data processing/signal processing techniques, synthesize different collection techniques, and relate the information to the movement chosen to analyze.									
HSP	AHSW	<b>EXPH</b>	<b>6600</b>	<b>Advanced Biomechanics</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: EXPH 5140 and 5150 Encompasses information on the specifics of equipment, data collection, and signal processing using the measurement tools of biomechanics. Students experience collecting EMG data, force related data, and 3-dimensional video data. After data collection, students utilize the appropriate data processing/signal processing techniques, synthesize different collection techniques, and relate the information to the movement chosen to analyze.									
HSP	AHSW	<b>EXPH</b>	<b>6900</b>	<b>Special Topics in Exercise Physiology</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>EXPH</b>	<b>6900</b>	<b>Special Topics in Exercise Physiology</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	AHSW	<b>EXPH</b>	<b>6910</b>	<b>Internship in Physiology of Exercise</b>	FLD	FE	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Physiology of exercise major Supervised professional work experience in affiliated sports physiology or clinical sites with the opportunity to serve in the dual capacity of exercise technician and/or exercise leader. Internships will be a minimum of 600 hours.									
HSP	AHSW	<b>EXPH</b>	<b>6920</b>	<b>Practicum</b>	PRA	PR	1 to 3	18		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Permission required Supervised work experience in various clinical or sports performance work sites.									
HSP	AHSW	<b>EXPH</b>	<b>6931</b>	<b>Independent Study</b>	IND	IS	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Selected areas of study with written report based on research.									

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HSP	AHSW	<b>EXPH</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 12	96		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Library and laboratory work towards the completion of a research (thesis) project.									
HSP	AHSW	<b>NUTR</b>	<b>1000</b>	<b>Introduction to Nutrition</b>	LEC	LE	3	0	2AS	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0	2AS	N	U10		60
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1100</b>	<b>Introduction to Food Systems</b>	LEC	LE	3	0	2AS	N	U10		60
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1500</b>	<b>Personal Nutrition for Active Individuals</b>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1500</b>	<b>Personal Nutrition for Active Individuals</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1510X</b>	<b>Menu Planning and Preparation for Active Individuals</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NUTR 1500 The course will provide application of menu planning strategies that effectively meets the energy needs of active individuals. This course is an application of knowledge gained from Nutrition 1500.									
HSP	AHSW	<b>NUTR</b>	<b>2000</b>	<b>Lifespan Nutrition</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in NUTR 1000 Examination of nutritional needs and unique concerns to foster optimal growth and development during the lifespan including maternity (pregnancy and lactation), infancy, childhood, adolescence, and older adult years. Principles of sound nutrition, as elucidated through current research, used to plan and implement recommendations for dietary change during these stages of the life cycle.									
HSP	AHSW	<b>NUTR</b>	<b>2000</b>	<b>Lifespan Nutrition</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in NUTR 1000 Examination of nutritional needs and unique concerns to foster optimal growth and development during the lifespan including maternity (pregnancy and lactation), infancy, childhood, adolescence, and older adult years. Principles of sound nutrition, as elucidated through current research, used to plan and implement recommendations for dietary change during these stages of the life cycle.									
HSP	AHSW	<b>NUTR</b>	<b>2200</b>	<b>Science of Food I</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NUTR 1100 and (CHEM 1210 or 1500 or 1510 or concurrent) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NUTR 1100 and (CHEM 1210 or 1500 or 1510 or concurrent) 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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (CHEM 1210 or 1500 or 1510) and C or better in NUTR 2200 Scientific principles applied to selection, storage, and preparation of foods.									
HSP	AHSW	<b>NUTR</b>	<b>2220</b>	<b>Science of Food II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (CHEM 1210 or 1500 or 1510) and C or better in NUTR 2200 Scientific principles applied to selection, storage, and preparation of foods.									



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HSP	AHSW	<b>NUTR</b>	<b>2900</b>	<b>Special Topics in Nutrition</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>2900</b>	<b>Special Topics in Nutrition</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>2990</b>	<b>Professional Development in Food and Nutrition Sciences</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR 1000 and 1100) or concurrent and Soph or Jr or Sr									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				(CHEM 123 or 1220 or 153 or 1520) and C or better in (NUTR 128 or 1000)									
				Examination of the macro- and micronutrients from a scientific standpoint, including their digestion, metabolism, and utilization at the cellular level. Evaluation of the recommended intake for the prevention of chronic disease and health maintenance.									
HSP	AHSW	<b>NUTR</b>	<b>3100</b>	<b>Medical Nutrition Therapy I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				(BIOS 1310 or 3450) or concurrent and C or better in NUTR 3000									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in NUTR 1000									
				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>3230</b>	<b>Fundamentals of Nutrition for Athletic and Physical Performance</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in NUTR 1000									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR 1000 and 2220)									
				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>3300</b>	<b>Principles of Quantity Food Production and Purchasing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR 1000 and 2220)									
				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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in (NUTR 333 or 3300) or concurrent									
				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>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 1000 and NUTR 2000 and 3300 and 3350									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 1000 and NUTR 2000 and 3300 and 3350									
				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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				NUTR 1000 and NUTR 2000 and 3300 and 3350									
				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>	LEC	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in NUTR 3000									
				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>3600</b>	<b>Nutrition Counseling</b>	LEC	LE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				C or better in NUTR 3000									
				Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									

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HSP	AHSW	<b>NUTR</b>	<b>3909</b>	<b>Food and Nutrition Sciences Study Tour</b>	SEM	EL	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>3909</b>	<b>Food and Nutrition Sciences Study Tour</b>	SEM	SE	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>3910</b>	<b>Dietetic Field Experience</b>	FLD	FE	4	20		N	U30		0
		ELIGIBLE GRADES:		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>3920</b>	<b>Field Experience in Culinary and Environmental Nutrition</b>	PRA	EL	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		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>3920</b>	<b>Field Experience in Culinary and Environmental Nutrition</b>	PRA	PR	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		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>4000</b>	<b>Nutrition in the Community</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4100</b>	<b>Medical Nutrition Therapy II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CHEM 3010 and PSY 2110 and C or better in NUTR 2220 and Sr only						
		COURSE DESC:		Factors which affect results of different methods used in food preparation. Research techniques using subjective and objective evaluation of products.									
HSP	AHSW	<b>NUTR</b>	<b>4200</b>	<b>Experimental Foods</b>	LEC	LE	4	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CHEM 3010 and PSY 2110 and C or better in NUTR 2220 and Sr only						
		COURSE DESC:		Factors which affect results of different methods used in food preparation. Research techniques using subjective and objective evaluation of products.									
HSP	AHSW	<b>NUTR</b>	<b>4260</b>	<b>World View of Nutrition</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4260</b>	<b>World View of Nutrition</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4320</b>	<b>Diabetes From Bench to Bedside</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>NUTR</b>	<b>4400</b>	<b>Research Design and Methods in Food and Nutrition Sciences</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>4900</b>	<b>Special Topics in Nutrition</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	<b>NUTR</b>	<b>4901</b>	<b>Food and Nutrition Sciences Senior Seminar</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	<b>NUTR</b>	<b>4902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	SEM	EL	3 to 6	12		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>4902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	SEM	SE	3 to 6	12		I	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		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>	SEM	EL	1 to 5	10		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar on topics related to institutional and school nutrition management.									
HSP	AHSW	<b>NUTR</b>	<b>4903</b>	<b>Seminar in Institutional and School Nutrition Management</b>	SEM	SE	1 to 5	10		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar on topics related to institutional and school nutrition management.									
HSP	AHSW	<b>NUTR</b>	<b>4904</b>	<b>Seminar in Food and Nutrition Sciences</b>	SEM	EL	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>4904</b>	<b>Seminar in Food and Nutrition Sciences</b>	SEM	SE	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		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>	SEM	EL	3 to 4	6		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>4908</b>	<b>Advanced Seminar in Food and Nutrition Sciences</b>	SEM	SE	3 to 4	6		N	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Offers the opportunity for students to counsel client(s) in a one-on-one and group format under the supervision of a registered dietitian; including assessment, treatment, evaluation and follow-up in out-patient care.									
HSP	AHSW	<b>NUTR</b>	<b>4930</b>	<b>Independent Study in Food and Nutrition Science</b>	IND	EL	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									

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HSP	AHSW	<b>NUTR</b>	<b>4930</b>	<b>Independent Study in Food and Nutrition Science</b>	IND	IS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:	Permission required							
		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	EL	3 to 8	16		N	U30		0
		ELIGIBLE GRADES:		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>4932</b>	<b>Independent Study in Diabetes</b>	IND	IS	3 to 8	16		N	U30		0
		ELIGIBLE GRADES:		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>	RSC	RS	1 to 3	9		I	U30		0
		ELIGIBLE GRADES:		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>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		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>4960</b>	<b>Trends in Diabetes</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		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>5000</b>	<b>Nutrition in the Community</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5080</b>	<b>Nutrient Metabolism</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Examination of the macro- and micronutrients from a scientific standpoint, including their digestion, metabolism, and utilization at the cellular level. Evaluation of the recommended intake for the prevention of chronic disease and health maintenance.									
HSP	AHSW	<b>NUTR</b>	<b>5100</b>	<b>Medical Nutrition Therapy I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Factors which affect results of different methods used in food preparation. Research techniques using subjective and objective evaluation of products.									
HSP	AHSW	<b>NUTR</b>	<b>5200</b>	<b>Experimental Foods</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Factors which affect results of different methods used in food preparation. Research techniques using subjective and objective evaluation of products.									
HSP	AHSW	<b>NUTR</b>	<b>5230</b>	<b>Fundamentals of Nutrition for Athletic and Physical Performance</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	<b>NUTR</b>	<b>5230</b>	<b>Fundamentals of Nutrition for Athletic and Physical Performance</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores the fundamentals of nutrition for athletic and physical performance, including the nutrient requirements for high-quality training and competition.									
HSP	AHSW	<b>NUTR</b>	<b>5260</b>	<b>World View of Nutrition</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									

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HSP	AHSW	<b>NUTR</b>	<b>5260</b>	<b>World View of Nutrition</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Survey of world food situation with consideration of environmental, cultural, governmental, and economic factors that relate to food production and consumption. Evaluation of these patterns in meeting dietary needs.									
HSP	AHSW	<b>NUTR</b>	<b>5300</b>	<b>Principles of Quantity Food Production and Purchasing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									
HSP	AHSW	<b>NUTR</b>	<b>5300</b>	<b>Principles of Quantity Food Production and Purchasing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Food purchasing and preparation principles applied to large quantity food production, menu planning, recipe standardization, food cost, and service in institutions.									
HSP	AHSW	<b>NUTR</b>	<b>5320</b>	<b>Diabetes From Bench to Bedside</b>	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5320</b>	<b>Diabetes From Bench to Bedside</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LAB	LB	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>5400</b>	<b>Research Design and Methods in Food and Nutrition Sciences</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This Physician Assistant course provides foundational content on human nutrition and alterations of physiology and biochemistry that occur during selected disease states that affect nutritional requirements. The course includes modalities of providing nutritional support to patients with selected disease states.									
HSP	AHSW	<b>NUTR</b>	<b>5410</b>	<b>Fundamentals of Nutrition Care for Physician Assistants</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This Physician Assistant course provides foundational content on human nutrition and alterations of physiology and biochemistry that occur during selected disease states that affect nutritional requirements. The course includes modalities of providing nutritional support to patients with selected disease states.									
HSP	AHSW	<b>NUTR</b>	<b>5500</b>	<b>Contemporary School Nutrition</b>	LAB	LB	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the theory of medical nutrition therapy (MNT); communicating health and nutrition advice to consumers; and behavior change models used in MNT.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>NUTR</b>	<b>5600</b>	<b>Nutrition Counseling</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>5900</b>	<b>Special Topics in Nutrition</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	SEM	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	<b>NUTR</b>	<b>5901</b>	<b>Food and Nutrition Sciences Senior Seminar</b>	SEM	SE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the latest trends in the fields of food, nutrition, and applied nutrition. Provides an opportunity for majors in nutrition and applied nutrition to demonstrate personal and professional growth by investigating a topic and presenting it in class. Students lead discussions on topics that affect the professions and share professional experiences gained.									
HSP	AHSW	<b>NUTR</b>	<b>5902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	SEM	EL	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>5902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	SEM	SE	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>5903</b>	<b>Seminar in Institutional and School Nutrition Management</b>	SEM	EL	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Special workshops on topics related to institutional and School Nutrition management.									
HSP	AHSW	<b>NUTR</b>	<b>5903</b>	<b>Seminar in Institutional and School Nutrition Management</b>	SEM	SE	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special workshops on topics related to food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>5904</b>	<b>Seminar in Food and Nutrition Sciences</b>	LEC	LE	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Research and recent developments in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>5908</b>	<b>Advanced Seminar in Food and Nutrition Sciences</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	EL	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		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>5909</b>	<b>Food and Nutrition Sciences Study Tour</b>	SEM	SE	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Exposure to the latest trends in nutrition, food, and health that impact the fields of nutrition and applied nutrition.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>NUTR</b>	<b>5910</b>	<b>Food and Nutrition Sciences Field Experience</b>	FLD	FE	4	20		N	G40		0
		ELIGIBLE GRADES:		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>5920</b>	<b>Nutrition Counseling Practicum</b>	PRA	PR	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Offers the opportunity for students to counsel client(s) in a one-on-one and group format under the supervision of a registered dietitian; including assessment, treatment, evaluation and follow-up in out-patient care.									
HSP	AHSW	<b>NUTR</b>	<b>5930</b>	<b>Independent Study in Food and Nutrition Sciences</b>	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Independent advanced study under direction of faculty member in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>5930</b>	<b>Independent Study in Food and Nutrition Sciences</b>	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	EL	3 to 8	12		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Science, clinical, or educational experience related to diabetes.									
HSP	AHSW	<b>NUTR</b>	<b>5932</b>	<b>Independent Study in Diabetes</b>	IND	IS	3 to 8	12		I	G40		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	EL	2	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Latest research trends and clinical management of diabetes.									
HSP	AHSW	<b>NUTR</b>	<b>5960</b>	<b>Trends in Diabetes</b>	SEM	SE	2	0		I	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>6200</b>	<b>Advanced Food Science</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>	TUT	EL	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Critical review of current literature in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6250</b>	<b>Readings in Food and Nutrition Sciences</b>	TUT	TU	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Critical review of current literature in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6500</b>	<b>Diet and Chronic Disease</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Examination of the interdisciplinary relationships among nutrition, food and chronic diseases, such as cardiovascular disease, hypertension, cancer, diabetes, and obesity.									
HSP	AHSW	<b>NUTR</b>	<b>6600</b>	<b>Nutrition for Sports and Fitness</b>	LEC	EL	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.									
HSP	AHSW	<b>NUTR</b>	<b>6600</b>	<b>Nutrition for Sports and Fitness</b>	LEC	LE	3	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	AHSW	<b>NUTR</b>	<b>6900</b>	<b>Special Topics in Nutrition</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>6900</b>	<b>Special Topics in Nutrition</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	AHSW	<b>NUTR</b>	<b>6901</b>	<b>Seminar in Food and Nutrition Sciences</b>	SEM	EL	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research and recent developments in Food and Nutrition Sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6901</b>	<b>Seminar in Food and Nutrition Sciences</b>	SEM	SE	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Research and recent developments in Food and Nutrition Sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6940</b>	<b>Research in Food and Nutrition Sciences</b>	RSC	EL	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Independent investigation of a topic in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6940</b>	<b>Research in Food and Nutrition Sciences</b>	RSC	RS	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Independent investigation of a topic in food and nutrition sciences.									
HSP	AHSW	<b>NUTR</b>	<b>6950</b>	<b>Thesis in Food and Nutrition Sciences</b>	THE	EL	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thesis in food and nutrition sciences. Permission required.									
HSP	AHSW	<b>NUTR</b>	<b>6950</b>	<b>Thesis in Food and Nutrition Sciences</b>	THE	TH	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will explore the impact of food and food components on wellness of individuals.									
HSP	AHSW	<b>T3</b>	<b>4300</b>	<b>Beyond Antioxidants: Whole Foods for Wellness Promotion</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An exploration of the two loves of Thomas Jefferson, gardening and fine food, from a multidisciplinary perspective.									
HSP	AHSW	<b>T3</b>	<b>4310</b>	<b>Thomas Jefferson: Gardener and Gastronomer</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An exploration of the two loves of Thomas Jefferson, gardening and fine food, from a multidisciplinary perspective.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	HSP	PA	5130	<b>Health Promotion and Disease Prevention for the Physician Assistant</b>	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course is designed to prepare the physician assistant student with the knowledge and skills to apply principles of health promotion and disease prevention to diverse patient populations in a variety of clinical and community settings.									
HSP	HSP	PA	5130	<b>Health Promotion and Disease Prevention for the Physician Assistant</b>	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course is designed to prepare the physician assistant student with the knowledge and skills to apply principles of health promotion and disease prevention to diverse patient populations in a variety of clinical and community settings.									
HSP	HSP	PA	5140	<b>Concepts of Leadership and Management for the Physician Assistant</b>	LEC	EL	1	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course provides students with the foundation to understand and appreciate leadership and management principles necessary to assume leadership positions in the Physician Assistant (PA) profession and clinical practice. Students will examine and critically analyze current leadership skills, theories and management principles in health care organizations.									
HSP	HSP	PA	5140	<b>Concepts of Leadership and Management for the Physician Assistant</b>	LEC	LE	1	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course provides students with the foundation to understand and appreciate leadership and management principles necessary to assume leadership positions in the Physician Assistant (PA) profession and clinical practice. Students will examine and critically analyze current leadership skills, theories and management principles in health care organizations.									
HSP	HSP	PA	5150	<b>Professional Development: Certification and Practice for the Physician Assistant</b>	LEC	EL	1	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course will assist students in the application of concepts and knowledge gained from didactic instruction and clinical rotations in preparation for graduation, certification, licensure, professional employment and clinical practice.									
HSP	HSP	PA	5150	<b>Professional Development: Certification and Practice for the Physician Assistant</b>	LEC	LE	1	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5110 COURSE DESC: This course will assist students in the application of concepts and knowledge gained from didactic instruction and clinical rotations in preparation for graduation, certification, licensure, professional employment and clinical practice.									
HSP	HSP	PA	5320	<b>Patient Assessment II</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5310 COURSE DESC: A continuation of Patient Assessment I (PA5310), this course provides the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination, including interviewing skills and pertinent physical examination techniques. Students will develop critical thinking skills, oral presentation skills, and written documentation skills. Special populations will also be discussed.									
HSP	HSP	PA	5510	<b>Clinical Medicine I</b>	LEC	LE	6	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5210 COURSE DESC: The first in a series of four courses that uses basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include: Cardiovascular and Pulmonary.									
HSP	HSP	PA	5520	<b>Clinical Medicine II</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5210 COURSE DESC: The second in a series of four courses that uses basic medical science for recognition, diagnosis and management of commonly presenting conditions in clinical medicine. Systems discussed in this course include: Musculoskeletal, Hematologic and Oncologic.									
HSP	HSP	PA	6104	<b>Clinical Rotation: General Surgery</b>	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5560 COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in General Surgery with the direct supervision of a qualified preceptor. The rotation includes experience with patients in a surgical setting with an emphasis in pre-operative, intra-operative and post-operative management.									
HSP	HSP	PA	6105	<b>Clinical Rotation: Community Medicine</b>	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5560 COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in Community Medicine (Public Health) with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the community health center setting who require acute, chronic, and/or preventive care in patient populations across the life span.									
HSP	HSP	PA	6106	<b>Clinical Rotation: Internal Medicine I</b>	CLN	CL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: PA 5560 COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in office based Internal Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the Internal Medicine setting who require acute, chronic, and/or preventive care in patient populations across the life span.									

**MASTER CURRICULUM FILE  
 COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	HSP	<b>PA</b>	<b>6109</b>	<b>Clinical Rotation: Women's Health</b>	CLN	CL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PA 5560 This rotation provides the physician assistant student a four week clinical experience in Women's Health with the direct supervision of a qualified preceptor. The rotation may include experiences with patients in the office and/or hospital setting who require acute, chronic, and/or preventive care in patient populations across the life span in gynecology and obstetrics.									
HSP	HSP	<b>PA</b>	<b>6112</b>	<b>Clinical Rotation: Speciality Selective</b>	CLN	CL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PA 5560 This rotation provides the physician assistant student a four week clinical experience in any sub-specialty rotation selected by the student from a program list with the direct supervision of a qualified preceptor. The rotation includes experience in patient assessment, diagnosis, and management of patient population pertinent to the specialty.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>1020</b>	<b>Health Careers Opportunities Skill Enrichment</b>	SEM	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		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>1020</b>	<b>Health Careers Opportunities Skill Enrichment</b>	SEM	SE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		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>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Fr or Soph						
		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>2112</b>	<b>Introduction to Interprofessional Education and Practice in Health Care</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
HSP	IHS	<b>IHS</b>	<b>2112</b>	<b>Introduction to Interprofessional Education and Practice in Health Care</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
HSP	IHS	<b>IHS</b>	<b>2190</b>	<b>Introduction to Immigrant &amp; Migrant Health</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will introduce students to issues related to mobile populations and to the myriad health issues faced by immigrant and migrant populations in the U.S. Because of the relatively large numbers of foreign-born individuals in Ohio, both in urban and rural areas, students working in health care are likely to engage with individuals and groups born outside the U.S. This course is designed to prepare students to appropriately and effectively engage with immigrant and migrant groups as well as other diverse groups.									
HSP	IHS	<b>IHS</b>	<b>2190</b>	<b>Introduction to Immigrant &amp; Migrant Health</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will introduce students to issues related to mobile populations and to the myriad health issues faced by immigrant and migrant populations in the U.S. Because of the relatively large numbers of foreign-born individuals in Ohio, both in urban and rural areas, students working in health care are likely to engage with individuals and groups born outside the U.S. This course is designed to prepare students to appropriately and effectively engage with immigrant and migrant groups as well as other diverse groups.									
HSP	IHS	<b>IHS</b>	<b>2210</b>	<b>Introduction to Global Health</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides a broad overview of global patterns of disease and the factors that influence health. Students learn about different health systems and regional health indicators. In doing so, the course exposes students to issues relating to social, cultural, and environmental determinants of health.									
HSP	IHS	<b>IHS</b>	<b>2210</b>	<b>Introduction to Global Health</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides a broad overview of global patterns of disease and the factors that influence health. Students learn about different health systems and regional health indicators. In doing so, the course exposes students to issues relating to social, cultural, and environmental determinants of health.									
HSP	IHS	<b>IHS</b>	<b>2215</b>	<b>Medical Humanities: Global Health and Literature</b>	LEC	EL	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course explores global concepts and determinants of health through the reading of literary works, critical reviews and other representations of health issues in popular culture. Disease and illness is examined not only objectively and scientifically but also humanistically. This class links the organic problems addressed by health care providers and the human experience.									
HSP	IHS	<b>IHS</b>	<b>2215</b>	<b>Medical Humanities: Global Health and Literature</b>	LEC	LE	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course explores global concepts and determinants of health through the reading of literary works, critical reviews and other representations of health issues in popular culture. Disease and illness is examined not only objectively and scientifically but also humanistically. This class links the organic problems addressed by health care providers and the human experience.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>2220</b>	<b>Cultural Competency in Interprofessional Health Care</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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 will be approached from the standpoint and perspective of the individuals on the healthcare team as well as the team culture. Cultural competency will also be approached from the standpoint and perspective of the patient with respect to cultural diversity, perceptions, and beliefs with respect to health-related issues.									
HSP	IHS	<b>IHS</b>	<b>2235</b>	<b>Cross Cultural Issues in Tropical Diseases</b>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>2235</b>	<b>Cross Cultural Issues in Tropical Diseases</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty, local vs mass produced productions, and various health issues. Students analyze film and theatrical practices and how they are employed in public forums, in communicating ideas, in social change, and in expressing artistic and political perspectives. They discuss how film and theater can present complex and/or controversial issues, such as HIV/AIDS, rape, female genital mutilation (FGM), infectious diseases, and non-communicable disease and how presentation may vary by audience. This course makes the connections between the liberal arts, in this case film and theater, and clinical sciences.									
HSP	IHS	<b>IHS</b>	<b>2290</b>	<b>Global Health in Film &amp; Theater</b>	LEC	LE	3	0	2FA	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty, local vs mass produced productions, and various health issues. Students analyze film and theatrical practices and how they are employed in public forums, in communicating ideas, in social change, and in expressing artistic and political perspectives. They discuss how film and theater can present complex and/or controversial issues, such as HIV/AIDS, rape, female genital mutilation (FGM), infectious diseases, and non-communicable disease and how presentation may vary by audience. This course makes the connections between the liberal arts, in this case film and theater, and clinical sciences.									
HSP	IHS	<b>IHS</b>	<b>2900</b>	<b>Special Topics in Health Sciences and Professions</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	IHS	<b>IHS</b>	<b>2900</b>	<b>Special Topics in Health Sciences and Professions</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	IHS	<b>IHS</b>	<b>3010</b>	<b>Spirituality in Healthcare</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course focuses on the connection between spirituality, healing, health sciences and practices. Spirituality from the viewpoint of society and spiritual practices from past to present are explored.									
HSP	IHS	<b>IHS</b>	<b>3222</b>	<b>Comparative Health Systems</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IHS 2210						
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									
HSP	IHS	<b>IHS</b>	<b>3222</b>	<b>Comparative Health Systems</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IHS 2210						
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									
HSP	IHS	<b>IHS</b>	<b>3240</b>	<b>Overview of Healthcare Advocacy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2000						
		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>3240</b>	<b>Overview of Healthcare Advocacy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									
HSP	IHS	<b>IHS</b>	<b>3520</b>	<b>Research and Evidence-based Practice in Healthcare</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	<b>IHS</b>	<b>3520</b>	<b>Research and Evidence-based Practice in Healthcare</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	<b>IHS</b>	<b>3521</b>	<b>Global Health Research and Service</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		This course will provide students with the basic knowledge of how to design a global health research or service program. Students will review topics related to ethics and design of global health programs and develop a project proposal by the conclusion of the course.									
HSP	IHS	<b>IHS</b>	<b>3521</b>	<b>Global Health Research and Service</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		This course will provide students with the basic knowledge of how to design a global health research or service program. Students will review topics related to ethics and design of global health programs and develop a project proposal by the conclusion of the course.									
HSP	IHS	<b>IHS</b>	<b>3700J</b>	<b>Writing in the Health Sciences and Professions</b>	LEC	EL	3	0	1J	N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Clarity of expression through various formats of exchange is an important professional skill. This course will explore different formats specifically utilized within the health sciences and professions and provide a platform for students to develop and practice their writing and interpretation of written communication skills.									
HSP	IHS	<b>IHS</b>	<b>3700J</b>	<b>Writing in the Health Sciences and Professions</b>	LEC	LE	3	0	1J	N	U30		50
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Clarity of expression through various formats of exchange is an important professional skill. This course will explore different formats specifically utilized within the health sciences and professions and provide a platform for students to develop and practice their writing and interpretation of written communication skills.									
HSP	IHS	<b>IHS</b>	<b>3930</b>	<b>Global Health Capstone Preparation</b>	IND	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		The purpose of the course is for students to develop a research or clinical project proposal and site selection for a global health capstone experience. Guided by a series of online modules, students will research external health experiences related to their specific area of interest, select an option, develop a plan and complete the necessary application process (through the Health Sciences Center Global Health Initiative and the Office of Education Abroad for international experiences, and through the Global Health Certificate director for U.S. experiences).									
HSP	IHS	<b>IHS</b>	<b>3930</b>	<b>Global Health Capstone Preparation</b>	IND	IS	2	0		N	U30		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		The purpose of the course is for students to develop a research or clinical project proposal and site selection for a global health capstone experience. Guided by a series of online modules, students will research external health experiences related to their specific area of interest, select an option, develop a plan and complete the necessary application process (through the Health Sciences Center Global Health Initiative and the Office of Education Abroad for international experiences, and through the Global Health Certificate director for U.S. experiences).									
HSP	IHS	<b>IHS</b>	<b>3935</b>	<b>Independent Study: Interdisciplinary Health Studies</b>	IND	IS	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		A-F, 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>4245</b>	<b>Considerations of Vulnerable Populations in Healthcare</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HSP 3240 and (Jr or Sr)						
		COURSE DESC:		This course addresses social, emotional, and psychological considerations of vulnerable populations in healthcare. Vulnerable populations are groups that are not well integrated into the health care system because of ethnic, cultural, economic, geographic, or health characteristics. Commonly cited examples of vulnerable populations include racial and ethnic minorities, the rural and urban poor, undocumented immigrants, and people with disabilities or multiple chronic conditions. This course is meant to expand breadth of knowledge in these areas to promote a more culturally-competent approach to healthcare.									
HSP	IHS	<b>IHS</b>	<b>4245</b>	<b>Considerations of Vulnerable Populations in Healthcare</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HSP 3240 and (Jr or Sr)						
		COURSE DESC:		This course addresses social, emotional, and psychological considerations of vulnerable populations in healthcare. Vulnerable populations are groups that are not well integrated into the health care system because of ethnic, cultural, economic, geographic, or health characteristics. Commonly cited examples of vulnerable populations include racial and ethnic minorities, the rural and urban poor, undocumented immigrants, and people with disabilities or multiple chronic conditions. This course is meant to expand breadth of knowledge in these areas to promote a more culturally-competent approach to healthcare.									
HSP	IHS	<b>IHS</b>	<b>4246</b>	<b>Identifying Abuse in a Healthcare Setting</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 hours in HLTH or HSP and (jr or sr)						
		COURSE DESC:		This course addresses various forms of abuse including physical, verbal, sexual, drug, and workplace harassment in healthcare settings. Course material will focus on the identification of the various forms of abuse, ways to prevent abuse, and the ethical and legal ways of reporting the abuse.									
HSP	IHS	<b>IHS</b>	<b>4246</b>	<b>Identifying Abuse in a Healthcare Setting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	9 hours in HLTH or HSP and (jr or sr)						
		COURSE DESC:		This course addresses various forms of abuse including physical, verbal, sexual, drug, and workplace harassment in healthcare settings. Course material will focus on the identification of the various forms of abuse, ways to prevent abuse, and the ethical and legal ways of reporting the abuse.									
HSP	IHS	<b>IHS</b>	<b>4430</b>	<b>Working in an Interprofessional Healthcare Team</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 hours in HLTH and HSP 2112 and sr						
		COURSE DESC:		This course prepares the healthcare professional to work in a team approach regardless of healthcare setting. Using patient and family-centered case scenarios, students will have the opportunity to gain knowledge and interprofessional skills related to values and ethics, roles and responsibilities, communication, teams and teamwork.									
HSP	IHS	<b>IHS</b>	<b>4430</b>	<b>Working in an Interprofessional Healthcare Team</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	6 hours in HLTH and HSP 2112 and sr						
		COURSE DESC:		This course prepares the healthcare professional to work in a team approach regardless of healthcare setting. Using patient and family-centered case scenarios, students will have the opportunity to gain knowledge and interprofessional skills related to values and ethics, roles and responsibilities, communication, teams and teamwork.									
HSP	IHS	<b>IHS</b>	<b>4447</b>	<b>Critical Thinking and Reasoning in Clinical Problem Solving</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr only						
		COURSE DESC:		In this course, the critical thinking process is made explicit by breaking the process into steps necessary to engage in critical thinking. These steps include reasoning through interpretation, evaluation, and metacognition. Overall, the relevance of critical thinking to models of evidence-based practice (EBP) used in clinical health professions is emphasized.									
HSP	IHS	<b>IHS</b>	<b>4510</b>	<b>Interprofessional Health Care in Rural/Underserved Populations</b>	LEC	LE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores interprofessional health care education and practice with emphasis on rural/underserved populations.									
HSP	IHS	<b>IHS</b>	<b>4518</b>	<b>Interprofessional Grand Rounds</b>	SEM	SE	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		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.									
HSP	IHS	<b>IHS</b>	<b>4910</b>	<b>Global Health Capstone Experience</b>	FLD	FE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HSP 3930 and BIOS 4440 and (Jr or Sr) and 6 hrs Global Health electives						
		COURSE DESC:		A service or research project integrating aspects of global health that impact developing countries and/or vulnerable populations. Combines field work with theoretical knowledge and analytical skills gained through coursework. Students will either complete a research or clinical project dealing with global health issues. Students are encouraged to pursue a project in their discipline of interest.									
HSP	IHS	<b>IHS</b>	<b>5200</b>	<b>Foundations of Leadership in Healthcare</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course includes the examination of the core leadership competencies required to serve in contemporary healthcare organizations. Explores key concepts in understanding organizational culture(s) and the skills required to build and sustain effective teams.									

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HSP	IHS	<b>IHS</b>	<b>5200</b>	<b>Foundations of Leadership in Healthcare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course includes the examination of the core leadership competencies required to serve in contemporary healthcare organizations. Explores key concepts in understanding organizational culture(s) and the skills required to build and sustain effective teams.									
HSP	IHS	<b>IHS</b>	<b>5201</b>	<b>Quality, Safety and Service in Healthcare Leadership</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	IHS 5200						
		COURSE DESC:		This course examines the issues related to the leader's 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>5201</b>	<b>Quality, Safety and Service in Healthcare Leadership</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	IHS 5200						
		COURSE DESC:		This course examines the issues related to the leader's 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>5202</b>	<b>Financial Innovation and Growth Strategies in Healthcare</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HSP 5200						
		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>5202</b>	<b>Financial Innovation and Growth Strategies in Healthcare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HSP 5200						
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HSP 5200						
		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>5203</b>	<b>Strategies for Leading People in Healthcare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	HSP 5200						
		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course examines the competencies required for leaders in contemporary and future healthcare organizations including an understanding of matrix organizations, change leadership, negotiation/conflict management and the requisite skills for structured thought and communication.									
HSP	IHS	<b>IHS</b>	<b>5204</b>	<b>Advanced Healthcare Leadership</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		This course examines the competencies required for leaders in contemporary and future healthcare organizations including an understanding of matrix organizations, change leadership, negotiation/conflict management and the requisite skills for structured thought and communication.									
HSP	IHS	<b>IHS</b>	<b>5210</b>	<b>Fundamentals of Global Health</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5210</b>	<b>Fundamentals of Global Health</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5222</b>	<b>Comparative Health Systems</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IHS 5210						
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									

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HSP	IHS	<b>IHS</b>	<b>5222</b>	<b>Comparative Health Systems</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	IHS 5210						
		COURSE DESC:		Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.									
HSP	IHS	<b>IHS</b>	<b>5240</b>	<b>Overview of Healthcare Advocacy</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5240</b>	<b>Overview of Healthcare Advocacy</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5510</b>	<b>Interprofessional Health Care in Rural/Underserved Populations</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores interprofessional health care education and practice with emphasis on rural/underserved communities.									
HSP	IHS	<b>IHS</b>	<b>5511</b>	<b>Health Care Financing for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Addresses questions about interprofessional health care delivery and payment. Identifies public and private health care financing models and administrative approaches to maximizing health care quality, cost-effectiveness, and value.									
HSP	IHS	<b>IHS</b>	<b>5512</b>	<b>U.S. Health Care Systems and Policy for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores the U.S. health care system including the history of health care delivery, social and economic forces impacting health care delivery, patterns of health care coverage, access to health care, state and federal health care policy, and policy proposals for enhancing health care delivery.									
HSP	IHS	<b>IHS</b>	<b>5513</b>	<b>Health Informatics for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Informs health professions students about the application of technology and the management of health information across and among health care professions.									
HSP	IHS	<b>IHS</b>	<b>5514</b>	<b>Professional and Clinical Ethics for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Introduces clinical (patient-centered) ethical decision-making in the context of professional codes and principles of ethics, and demonstrates the application of ethics to practical issues arising in daily practice with patients and families.									
HSP	IHS	<b>IHS</b>	<b>5515</b>	<b>Patient and Family Care and Counseling for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on aspects of patient and family care and counseling across and among health care professions. Both patient-centered and family-level interventions explored.									
HSP	IHS	<b>IHS</b>	<b>5516</b>	<b>Responsible Conduct of Research for Student Investigators</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores the responsible conduct of research domains, illustrates research misconduct and other ethical breaches using actual and hypothetical cases, and describes best practices for conducting science with integrity.									
HSP	IHS	<b>IHS</b>	<b>5517</b>	<b>Legal Issues for the Health Professions</b>	LEC	LE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Explores the structure of the U.S. legal system, describes regulations and caselaw applicable to the health professions, analyzes the law regarding misconduct that may result in professional, financial, or criminal penalties, and applies the law to issues that arise in professional practice.									
HSP	IHS	<b>IHS</b>	<b>5518</b>	<b>Interprofessional Grand Rounds</b>	SEM	SE	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		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.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>5520</b>	<b>Research and Evidence-based Practice in Healthcare</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	<b>IHS</b>	<b>5520</b>	<b>Research and Evidence-based Practice in Healthcare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Best practices in healthcare emphasize a strong connection between practice and research. This course provides a cross-disciplinary overview of research-informed practice and practice-informed research for the allied health professions. Includes the role of the health professional as a consumer of research with concern for the ethical considerations in the research process. Basic elements of research design, concepts and statistical tests are covered.									
HSP	IHS	<b>IHS</b>	<b>5900</b>	<b>Special Topics in Health Sciences and Professions</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	IHS	<b>IHS</b>	<b>5900</b>	<b>Special Topics in Health Sciences and Professions</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>1110</b>	<b>Clinical Judgment I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Pre-Nursing major						
		COURSE DESC:		Provides an introduction to the profession of nursing. Topics include the history and legal basis of practice, critical thinking, scientific method and nursing process, medical and health care terminology, assessment of learning style, foundation of written communication skills and an introduction to campus resources.									
HSP	NRSE	<b>NRSE</b>	<b>1110</b>	<b>Clinical Judgment I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Pre-Nursing major						
		COURSE DESC:		Provides an introduction to the profession of nursing. Topics include the history and legal basis of practice, critical thinking, scientific method and nursing process, medical and health care terminology, assessment of learning style, foundation of written communication skills and an introduction to campus resources.									
HSP	NRSE	<b>NRSE</b>	<b>2110</b>	<b>Clinical Judgment II</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Provides an introduction to the use of nursing process in clinical practice: assessment, diagnosis, planning, implementation, and evaluation. The use of national health goals as a basis for developing a plan of care is discussed. Nursing process and rules and regulations governing the practice of nursing in Ohio are discussed in further detail. Factors that impact planning and implementation of nursing care are discussed.									
HSP	NRSE	<b>NRSE</b>	<b>2110</b>	<b>Clinical Judgment II</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Provides an introduction to the use of nursing process in clinical practice: assessment, diagnosis, planning, implementation, and evaluation. The use of national health goals as a basis for developing a plan of care is discussed. Nursing process and rules and regulations governing the practice of nursing in Ohio are discussed in further detail. Factors that impact planning and implementation of nursing care are discussed.									
HSP	NRSE	<b>NRSE</b>	<b>2120</b>	<b>Pathophysiology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Focuses on the knowledge base for selected pathophysiological conditions commonly encountered in nursing practice. Pathophysiology application is made through age-appropriate examples.									
HSP	NRSE	<b>NRSE</b>	<b>2120</b>	<b>Pathophysiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Focuses on the knowledge base for selected pathophysiological conditions commonly encountered in nursing practice. Pathophysiology application is made through age-appropriate examples.									
HSP	NRSE	<b>NRSE</b>	<b>2210</b>	<b>Clinical Judgment III</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 2110 and 2120						
		COURSE DESC:		provides a continuation of the clinical judgment series with a focus on standard nomenclature and research in nursing practice. An introduction to North American Nursing Diagnosis Association (NANDA), Nursing Intervention Classification (NIC), Nursing Outcomes Classification (NOC) and their use in planning care is included. Application to case studies is included based on the representation of common health concerns like diabetes and hypertension.									
HSP	NRSE	<b>NRSE</b>	<b>2210</b>	<b>Clinical Judgment III</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 2110 and 2120						
		COURSE DESC:		provides a continuation of the clinical judgment series with a focus on standard nomenclature and research in nursing practice. An introduction to North American Nursing Diagnosis Association (NANDA), Nursing Intervention Classification (NIC), Nursing Outcomes Classification (NOC) and their use in planning care is included. Application to case studies is included based on the representation of common health concerns like diabetes and hypertension.									
HSP	NRSE	<b>NRSE</b>	<b>2220</b>	<b>Foundations of Nursing Practice</b>	CLN	CL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 2110 and 2120						
		COURSE DESC:		Focuses on entry-level nursing skills required to develop competency in performance and application of nursing knowledge based on understanding of the underlying scientific concepts and principles of nursing practice.									
HSP	NRSE	<b>NRSE</b>	<b>2220</b>	<b>Foundations of Nursing Practice</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 2110 and 2120						
		COURSE DESC:		Focuses on entry-level nursing skills required to develop competency in performance and application of nursing knowledge based on understanding of the underlying scientific concepts and principles of nursing practice.									
HSP	NRSE	<b>NRSE</b>	<b>2230</b>	<b>Health Assessment</b>	CLN	CL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Focuses on the theory and application experience for performing nursing assessment of individuals across the life span. Emphasis is placed on interviewing and physical assessment techniques and documentation of findings appropriate for nursing. The emphasis is on well clients, with the identification and prioritization of some deviations from normal upon which to base nursing diagnosis.									
HSP	NRSE	<b>NRSE</b>	<b>2230</b>	<b>Health Assessment</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	NRSE 1110 and BSN major						
		COURSE DESC:		Focuses on the theory and application experience for performing nursing assessment of individuals across the life span. Emphasis is placed on interviewing and physical assessment techniques and documentation of findings appropriate for nursing. The emphasis is on well clients, with the identification and prioritization of some deviations from normal upon which to base nursing diagnosis.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>2240</b>	<b>Pharmacology in Nursing</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2110 and 2120									
				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>2240</b>	<b>Pharmacology in Nursing</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2110 and 2120									
				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>2250</b>	<b>Evidence-Based Nursing Practice</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2110 and 2120 and (2220 and 2230 and 2240 or concurrent)									
				Focuses on evidence-based practice principles in the development of nursing interventions. Also considered will be weaving in research evidence, expertise of practitioners, views of the patient, and available resources in the delivery of health care.									
HSP	NRSE	<b>NRSE</b>	<b>2250</b>	<b>Evidence-Based Nursing Practice</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2110 and 2120 and (2220 and 2230 and 2240 or concurrent)									
				Focuses on evidence-based practice principles in the development of nursing interventions. Also considered will be weaving in research evidence, expertise of practitioners, views of the patient, and available resources in the delivery of health care.									
HSP	NRSE	<b>NRSE</b>	<b>2900</b>	<b>Special Topics in Nursing</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	NRSE	<b>NRSE</b>	<b>2900</b>	<b>Special Topics in Nursing</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	NRSE	<b>NRSE</b>	<b>3110</b>	<b>Clinical Judgment IV</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				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>3110</b>	<b>Clinical Judgment IV</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				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>3120</b>	<b>Professional Topics: Ethics, Diversity, and Gerontology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				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>3130</b>	<b>Nursing Care of Adults I</b>	CLN	CL	7	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				Focuses on class and clinical experiences addressing acute and chronic health alterations in adults. Topics include pain, infection, dermatology, eyes, ears, nose, throat, fluids and electrolytes, and the cardiovascular and respiratory systems.									
HSP	NRSE	<b>NRSE</b>	<b>3130</b>	<b>Nursing Care of Adults I</b>	LEC	LE	7	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				Focuses on class and clinical experiences addressing acute and chronic health alterations in adults. Topics include pain, infection, dermatology, eyes, ears, nose, throat, fluids and electrolytes, and the cardiovascular and respiratory systems.									
HSP	NRSE	<b>NRSE</b>	<b>3140</b>	<b>Mental Health Nursing</b>	CLN	CL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B)									
				Introduces standards of psychiatric-mental health nursing practice. Emphasizes the professional activities utilized by the nurse to provide developmentally and culturally relevant psychiatric-mental health nursing care.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>3140</b>	<b>Mental Health Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 2210 and 2220 and 2230 and 2240 and (2250 or 225A or 225B) 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>3210</b>	<b>Clinical Judgment V</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3110 and 3120 and 3130 and 3140 Focuses on the continuation of clinical judgment series with emphasis on communication and performance in high stress situations. Includes development of evidence-based practice guidelines in situations from clinical experiences.									
HSP	NRSE	<b>NRSE</b>	<b>3210</b>	<b>Clinical Judgment V</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3110 and 3120 and 3130 and 3140 Focuses on the continuation of clinical judgment series with emphasis on communication and performance in high stress situations. Includes development of evidence-based practice guidelines in situations from clinical experiences.									
HSP	NRSE	<b>NRSE</b>	<b>3230</b>	<b>Nursing Care of Adults II</b>	CLN	CL	7	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3110 and 3120 and 3130 and 3140 Focuses on class and clinical experiences addressing acute and chronic alterations in gastrointestinal, genitourinary, immune systems, endocrinology, hepatic function, musculoskeletal, hematology, and neurology.									
HSP	NRSE	<b>NRSE</b>	<b>3230</b>	<b>Nursing Care of Adults II</b>	LEC	LE	7	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3110 and 3120 and 3130 and 3140 Focuses on class and clinical experiences addressing acute and chronic alterations in gastrointestinal, genitourinary, immune systems, endocrinology, hepatic function, musculoskeletal, hematology, and neurology.									
HSP	NRSE	<b>NRSE</b>	<b>3700J</b>	<b>Writing for Nursing</b>	LEC	EL	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr only 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 practice.									
HSP	NRSE	<b>NRSE</b>	<b>3700J</b>	<b>Writing for Nursing</b>	LEC	LE	3	0	1J	N	U30		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr only 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 practice.									
HSP	NRSE	<b>NRSE</b>	<b>4110</b>	<b>Clinical Judgment VI</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on use of information systems and application of patient care technology in support of health care delivery. Topics include law and ethics in use of health care information systems and connections between informatics and evidence-based practice.									
HSP	NRSE	<b>NRSE</b>	<b>4110</b>	<b>Clinical Judgment VI</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on use of information systems and application of patient care technology in support of health care delivery. Topics include law and ethics in use of health care information systems and connections between informatics and evidence-based practice.									
HSP	NRSE	<b>NRSE</b>	<b>4120</b>	<b>Management and Leadership in Nursing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 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>4120</b>	<b>Management and Leadership in Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 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>4140</b>	<b>Nursing Care of Children and Families</b>	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.									
HSP	NRSE	<b>NRSE</b>	<b>4140</b>	<b>Nursing Care of Children and Families</b>	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>4150</b>	<b>Nursing Care of Populations: Family and Community</b>	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on nursing care of aggregate systems within a community, individual health promotion, and injury and disease prevention across the lifespan. Topics include synthesis of family theory, application to case studies, basic concepts related to community and public health, multidisciplinary approaches to assessment of needs linked to population-focused care, and global health issues. Emphasizes interpersonal skills and team work skills used in collaborative relationships.									
HSP	NRSE	<b>NRSE</b>	<b>4150</b>	<b>Nursing Care of Populations: Family and Community</b>	LEC	LE	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 3210 and 3230 Focuses on nursing care of aggregate systems within a community, individual health promotion, and injury and disease prevention across the lifespan. Topics include synthesis of family theory, application to case studies, basic concepts related to community and public health, multidisciplinary approaches to assessment of needs linked to population-focused care, and global health issues. Emphasizes interpersonal skills and team work skills used in collaborative relationships.									
HSP	NRSE	<b>NRSE</b>	<b>4210</b>	<b>Clinical Judgment VII</b>	LEC	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150 Focuses on synthesis and evaluation of professional nursing role behaviors essential to care of clients. Topics include care of clients requiring complex care and development of a professional portfolio.									
HSP	NRSE	<b>NRSE</b>	<b>4210</b>	<b>Clinical Judgment VII</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150 Focuses on synthesis and evaluation of professional nursing role behaviors essential to care of clients. Topics include care of clients requiring complex care and development of a professional portfolio.									
HSP	NRSE	<b>NRSE</b>	<b>4400</b>	<b>Professional Practice in Nursing</b>	CLN	CL	8	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150 Focuses on care of adult clients with complex alterations in health like cancer, multisystem failure, multiple system trauma, and diabetes. Students work with a preceptor in a specific agency setting. Emphasis is on refinement of clinical judgment, communication skills, and integration of a range of therapeutic interventions into nursing practice including those appropriate to individual clients, their families/significant others, and relevant population-based groups.									
HSP	NRSE	<b>NRSE</b>	<b>4400</b>	<b>Professional Practice in Nursing</b>	LEC	LE	8	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4110 and 4120 and 4140 and 4150 Focuses on care of adult clients with complex alterations in health like cancer, multisystem failure, multiple system trauma, and diabetes. Students work with a preceptor in a specific agency setting. Emphasis is on refinement of clinical judgment, communication skills, and integration of a range of therapeutic interventions into nursing practice including those appropriate to individual clients, their families/significant others, and relevant population-based groups.									
HSP	NRSE	<b>NRSE</b>	<b>4510</b>	<b>Professional Nursing Practice</b>	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BSN or school nurse major and RN license Focuses on transition from technical to professional nursing. Addresses the scope and standards of professional nursing practice, the theoretical basis of practice, the ethical and legal components of practice, information management and application of patient care technology, and interprofessional communication and collaboration for improving patient health outcomes.									
HSP	NRSE	<b>NRSE</b>	<b>4510</b>	<b>Professional Nursing Practice</b>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BSN or school nurse major and RN license Focuses on transition from technical to professional nursing. Addresses the scope and standards of professional nursing practice, the theoretical basis of practice, the ethical and legal components of practice, information management and application of patient care technology, and interprofessional communication and collaboration for improving patient health outcomes.									
HSP	NRSE	<b>NRSE</b>	<b>4520</b>	<b>Health Assessment and Promotion</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Reviews and develops skills associated with cephalocaudal assessment, strengthens the registered nurse's ability to draw valid inferences from the data collected, and examines the design of health promotion interventions to address identified health issues.									
HSP	NRSE	<b>NRSE</b>	<b>4520</b>	<b>Health Assessment and Promotion</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Reviews and develops skills associated with cephalocaudal assessment, strengthens the registered nurse's ability to draw valid inferences from the data collected, and examines the design of health promotion interventions to address identified health issues.									
HSP	NRSE	<b>NRSE</b>	<b>4530</b>	<b>Family Nursing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing care of the family system throughout the life cycle. Emphasizes the synthesis of family theory and application of the nursing process for families.									
HSP	NRSE	<b>NRSE</b>	<b>4530</b>	<b>Family Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing care of the family system throughout the life cycle. Emphasizes the synthesis of family theory and application of the nursing process for families.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>4540</b>	<b>Community Health Nursing</b>	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing care of aggregate systems within a community. Topics include community health nursing roles and basic concepts of community health. Addresses the implementation of population-focused care through the nursing process, collaboration, and interdisciplinary skills. Includes the importance of health promotion, along with disease and injury prevention, throughout the lifespan and the assistance of individuals, families, groups, communities, and populations to prepare for and minimize health consequences of emergencies, including mass casualty disasters.									
HSP	NRSE	<b>NRSE</b>	<b>4540</b>	<b>Community Health Nursing</b>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing care of aggregate systems within a community. Topics include community health nursing roles and basic concepts of community health. Addresses the implementation of population-focused care through the nursing process, collaboration, and interdisciplinary skills. Includes the importance of health promotion, along with disease and injury prevention, throughout the lifespan and the assistance of individuals, families, groups, communities, and populations to prepare for and minimize health consequences of emergencies, including mass casualty disasters.									
HSP	NRSE	<b>NRSE</b>	<b>4550</b>	<b>Evidence-Based Nursing Practice</b>	SEM	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent and (MATH 2500 or PSY 1110 or 2110 or QBA 2010) Focuses on professional nursing practice that is grounded in the translation of current evidence into practice. Includes components of evidence-based practice, including collaboration with the client, integration of concepts of qualitative and quantitative research and evaluation of findings. Explores the critique of published research and moving research to practice.									
HSP	NRSE	<b>NRSE</b>	<b>4550</b>	<b>Evidence-Based Nursing Practice</b>	SEM	SE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent and (MATH 2500 or PSY 1110 or 2110 or QBA 2010) Focuses on professional nursing practice that is grounded in the translation of current evidence into practice. Includes components of evidence-based practice, including collaboration with the client, integration of concepts of qualitative and quantitative research and evaluation of findings. Explores the critique of published research and moving research to practice.									
HSP	NRSE	<b>NRSE</b>	<b>4560</b>	<b>Gerontologic Nursing Care</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on the role of professional nurses in assisting elders to maintain wellness and minimize effects of chronic conditions. Addresses the physiological, psychological, social, and spiritual needs of the elderly and appropriate nursing interventions.									
HSP	NRSE	<b>NRSE</b>	<b>4560</b>	<b>Gerontologic Nursing Care</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on the role of professional nurses in assisting elders to maintain wellness and minimize effects of chronic conditions. Addresses the physiological, psychological, social, and spiritual needs of the elderly and appropriate nursing interventions.									
HSP	NRSE	<b>NRSE</b>	<b>4570</b>	<b>Diversity</b>	SEM	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Explores cultural heritage of diverse populations and relationship to the provision of culturally sensitive nursing care. Examines concepts to broaden perception and understanding of health and illness and the variety of meanings these terms carry for members of differing sociocultural populations.									
HSP	NRSE	<b>NRSE</b>	<b>4570</b>	<b>Diversity</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Explores cultural heritage of diverse populations and relationship to the provision of culturally sensitive nursing care. Examines concepts to broaden perception and understanding of health and illness and the variety of meanings these terms carry for members of differing sociocultural populations.									
HSP	NRSE	<b>NRSE</b>	<b>4580</b>	<b>Leadership in Nursing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing leadership including developing and refining knowledge, skills, and attitudes in working within organizational and community arenas. Also focuses on the actual provision of care and/or supervising care provided by other licensed and non-licensed assistive personnel. Examines nursing leadership and management through use of a systems approach with a focus on quality and safety of client care. Discusses leadership models, behavior, and strategic planning at various organizational levels.									
HSP	NRSE	<b>NRSE</b>	<b>4580</b>	<b>Leadership in Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 4510 or concurrent Focuses on nursing leadership including developing and refining knowledge, skills, and attitudes in working within organizational and community arenas. Also focuses on the actual provision of care and/or supervising care provided by other licensed and non-licensed assistive personnel. Examines nursing leadership and management through use of a systems approach with a focus on quality and safety of client care. Discusses leadership models, behavior, and strategic planning at various organizational levels.									
HSP	NRSE	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	LAB	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and Sr only A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	LAB	LB	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and Sr only						
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and Sr only						
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and Sr only						
		COURSE DESC:		A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.									
HSP	NRSE	<b>NRSE</b>	<b>4710</b>	<b>Introduction to School Nursing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4710</b>	<b>Introduction to School Nursing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 Clinical</b>	CLN	CL	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	NRSE 4710 and Licensed RN and malpractice insurance						
		COURSE DESC:		Focuses on practice as a school nurse in a school setting with children between the ages of 3 and 18 years. The student will work with a preceptor who is a certified/licensed school nurse.									
HSP	NRSE	<b>NRSE</b>	<b>4740</b>	<b>School Nurse Clinical</b>	CLN	EL	5	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	NRSE 4710 and Licensed RN and malpractice insurance						
		COURSE DESC:		Focuses on practice as a school nurse in a school setting with children between the ages of 3 and 18 years. The student will work with a preceptor who is a certified/licensed school nurse.									
HSP	NRSE	<b>NRSE</b>	<b>4900</b>	<b>Special Topics in Nursing</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	<b>NRSE</b>	<b>4900</b>	<b>Special Topics in Nursing</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	NRSE	<b>NRSE</b>	<b>4901</b>	<b>Clinical Issues: Human Sexuality</b>	SEM	EL	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		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>4901</b>	<b>Clinical Issues: Human Sexuality</b>	SEM	SE	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to the MSN program						
		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.									

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HSP	NRSE	NRSE	6010	<b>Theoretical Basis of Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: Examines social, political, and historical factors that impact the delivery of health care and the development of the nursing discipline. Emphasizes the review and application of selected concepts, models, and selected theories relevant to the health care system and nursing.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6020	<b>Theories in Family Care</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on analysis of theories relevant to the development and functioning of the family. Includes identification of health care needs across family life span. Emphasizes assessment, intervention, and evaluation of family-focused care. Explores strategies to enhance, maintain, and restore family health.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6020	<b>Theories in Family Care</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on analysis of theories relevant to the development and functioning of the family. Includes identification of health care needs across family life span. Emphasizes assessment, intervention, and evaluation of family-focused care. Explores strategies to enhance, maintain, and restore family health.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6021	<b>Assessment and Intervention for Families</b> ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on analysis of theories relevant to the development and functioning of the family. The course includes identification of health care needs across the life span of family members. Emphasis will be placed on assessment, intervention, and evaluation of family-centered care through exploration of evidence-based strategies to enhance, maintain, and restore family health.	LEC	EL	3	0		N	G40		0
HSP	NRSE	NRSE	6021	<b>Assessment and Intervention for Families</b> ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on analysis of theories relevant to the development and functioning of the family. The course includes identification of health care needs across the life span of family members. Emphasis will be placed on assessment, intervention, and evaluation of family-centered care through exploration of evidence-based strategies to enhance, maintain, and restore family health.	LEC	LE	3	0		N	G40		0
HSP	NRSE	NRSE	6110	<b>Research and Evaluation in Nursing</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on research design and methodology with an emphasis on evaluation of published clinical outcome studies in nursing. Utilizes strategies for application of research findings to practice. Introduces nursing information management, cognitive science, and technology in health care delivery.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6110	<b>Research and Evaluation in Nursing</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on research design and methodology with an emphasis on evaluation of published clinical outcome studies in nursing. Utilizes strategies for application of research findings to practice. Introduces nursing information management, cognitive science, and technology in health care delivery.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6120	<b>Evidence-Based Practice in Nursing</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on evidence-based practice and the translation of evidence into practice. Content prepares professional nurses to initiate evidence-based practice models in their practice and to increase use of information management and patient care technologies in specified clinical areas.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6120	<b>Evidence-Based Practice in Nursing</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on evidence-based practice and the translation of evidence into practice. Content prepares professional nurses to initiate evidence-based practice models in their practice and to increase use of information management and patient care technologies in specified clinical areas.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6210	<b>Pathophysiology in Nursing Practice</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	6		N	G40		0
HSP	NRSE	NRSE	6210	<b>Pathophysiology in Nursing Practice</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	6		N	G40		0
HSP	NRSE	NRSE	6220	<b>Advanced Health Appraisal</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and administrator options. The data will be used to document assessment findings and to differentiate between normal and abnormal assessment data. Emphasizes the performance of complete health histories and physical examinations on adult and pediatric clients.	LAB	LB	3	6		N	G40		0
HSP	NRSE	NRSE	6220	<b>Advanced Health Appraisal</b> ELIGIBLE GRADES: A-F COURSE DESC: Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and administrator options. The data will be used to document assessment findings and to differentiate between normal and abnormal assessment data. Emphasizes the performance of complete health histories and physical examinations on adult and pediatric clients.	LEC	EL	3	6		N	G40		0



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HSP	NRSE	<b>NRSE</b>	<b>6220</b>	<b>Advanced Health Appraisal</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6210 Focuses on the use of health assessment data to identify health status of clients by graduate students in the educator and administrator options. The data will be used to document assessment findings and to differentiate between normal and abnormal assessment data. Emphasizes the performance of complete health histories and physical examinations on adult and pediatric clients.									
HSP	NRSE	<b>NRSE</b>	<b>6221</b>	<b>Health Appraisal for Nurse Practitioners</b>	LAB	LB	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6210 and (6020 or 6110) Focuses on advanced physical assessment skills for nurse practitioner students that moves from the normal to the abnormal and uses a body systems approach. Comprehensive health history coupled with physical examination skills provide a foundation for the indepth assessment of clients.									
HSP	NRSE	<b>NRSE</b>	<b>6221</b>	<b>Health Appraisal for Nurse Practitioners</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6210 and (6020 or 6110) Focuses on advanced physical assessment skills for nurse practitioner students that moves from the normal to the abnormal and uses a body systems approach. Comprehensive health history coupled with physical examination skills provide a foundation for the indepth assessment of clients.									
HSP	NRSE	<b>NRSE</b>	<b>6230</b>	<b>Advanced Pharmacology</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6210 and 6221 Focuses on pharmacotherapeutics across the lifespan with emphasis on clinical decision making by advanced practice nurses. Laws governing prescriptive authority and privileges of advanced practice nurses are addressed.									
HSP	NRSE	<b>NRSE</b>	<b>6230</b>	<b>Advanced Pharmacology</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6210 and 6221 Focuses on pharmacotherapeutics across the lifespan with emphasis on clinical decision making by advanced practice nurses. Laws governing prescriptive authority and privileges of advanced practice nurses are addressed.									
HSP	NRSE	<b>NRSE</b>	<b>6300</b>	<b>Acute Care Nurse Practitioner</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 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.									
HSP	NRSE	<b>NRSE</b>	<b>6300</b>	<b>Acute Care Nurse Practitioner</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 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.									
HSP	NRSE	<b>NRSE</b>	<b>6400</b>	<b>Family Assessment and Intervention</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6020 and 6230 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.									
HSP	NRSE	<b>NRSE</b>	<b>6400</b>	<b>Family Assessment and Intervention</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6020 and 6230 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.									
HSP	NRSE	<b>NRSE</b>	<b>6610</b>	<b>Curriculum Development in Nursing</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 Focuses on theory and strategies of curriculum design. Emphasizes application of principles to design of prelicensure nursing curriculum.									
HSP	NRSE	<b>NRSE</b>	<b>6610</b>	<b>Curriculum Development in Nursing</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 Focuses on theory and strategies of curriculum design. Emphasizes application of principles to design of prelicensure nursing curriculum.									
HSP	NRSE	<b>NRSE</b>	<b>6620</b>	<b>Teaching Strategies in Nursing</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6020 and 6110 and 6120 and 6610 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.									
HSP	NRSE	<b>NRSE</b>	<b>6620</b>	<b>Teaching Strategies in Nursing</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and 6020 and 6110 and 6120 and 6610 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.									
HSP	NRSE	<b>NRSE</b>	<b>6630</b>	<b>Academic Nursing</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6110 and 6120 and 6610 Focuses on enhancing understanding of the academic faculty role with an emphasis on program evaluation responsibilities.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>6630</b>	<b>Academic Nursing</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6110 and 6120 and 6610									
				Focuses on enhancing understanding of the academic faculty role with an emphasis on program evaluation responsibilities.									
HSP	NRSE	<b>NRSE</b>	<b>6710</b>	<b>Nursing Administration</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and (6110 ro 602) and 6120									
				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.									
HSP	NRSE	<b>NRSE</b>	<b>6710</b>	<b>Nursing Administration</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6010 and (6110 ro 602) and 6120									
				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.									
HSP	NRSE	<b>NRSE</b>	<b>6820</b>	<b>Advanced Maternal &amp; Child Care</b>	CLN	CL	6	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 and 6210									
				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.									
HSP	NRSE	<b>NRSE</b>	<b>6820</b>	<b>Advanced Maternal &amp; Child Care</b>	LEC	EL	6	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 and 6210									
				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.									
HSP	NRSE	<b>NRSE</b>	<b>6820</b>	<b>Advanced Maternal &amp; Child Care</b>	LEC	LE	6	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 and 6210									
				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.									
HSP	NRSE	<b>NRSE</b>	<b>6821</b>	<b>Primary Care of Adults and Older Adults</b>	CLN	CL	8	16		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6820									
				This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	<b>NRSE</b>	<b>6821</b>	<b>Primary Care of Adults and Older Adults</b>	LEC	EL	8	16		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6820									
				This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	<b>NRSE</b>	<b>6821</b>	<b>Primary Care of Adults and Older Adults</b>	LEC	LE	8	16		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6820									
				This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.									
HSP	NRSE	<b>NRSE</b>	<b>6822</b>	<b>Family Nurse Practitioner in Primary Care Practice</b>	CLN	CL	7	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	<b>NRSE</b>	<b>6822</b>	<b>Family Nurse Practitioner in Primary Care Practice</b>	SEM	EL	7	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	<b>NRSE</b>	<b>6822</b>	<b>Family Nurse Practitioner in Primary Care Practice</b>	SEM	SE	7	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	<b>NRSE</b>	<b>6900</b>	<b>Special Topics in Nursing</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	6900	<b>Special Topics in Nursing</b>	LEC	LE	1 to 15	999		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
HSP	NRSE	NRSE	6920	<b>Nursing Care of Women</b>	LEC	EL	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6221 and 6230 and 6400									
				COURSE DESC: Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.									
HSP	NRSE	NRSE	6920	<b>Nursing Care of Women</b>	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6221 and 6230 and 6400									
				COURSE DESC: Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.									
HSP	NRSE	NRSE	6920	<b>Nursing Care of Women</b>	PRA	PR	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6221 and 6230 and 6400									
				COURSE DESC: Focuses on specialized nursing knowledge, skill, and experiences for advanced practice nurses related to women's health issues, antepartum and postpartum care, the childbearing cycle, childbirth education, and menopause. Emphasizes nursing assessment, diagnosis, and interventions relevant to gender based assumptions, historical traditions, and sociopolitical factors affecting health risks.									
HSP	NRSE	NRSE	6921	<b>Primary Care of Adults</b>	LEC	EL	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6920 and 6230 and permission required									
				COURSE DESC: Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.									
HSP	NRSE	NRSE	6921	<b>Primary Care of Adults</b>	LEC	LE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6920 and 6230 and permission required									
				COURSE DESC: Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.									
HSP	NRSE	NRSE	6921	<b>Primary Care of Adults</b>	PRA	PR	3	6		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6920 and 6230 and permission required									
				COURSE DESC: Focuses on specialized nursing knowledge, skills, and experiences related to adult health issues required by nurse practitioners. Attention is given to nursing assessment, nursing diagnosis, and nursing interventions relevant to developmental, physical, and psychosocial health issues of adults.									
HSP	NRSE	NRSE	6922	<b>Nursing Care of Children</b>	CLN	CL	3	6		I	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6921 and permission required									
				COURSE DESC: Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6922	<b>Nursing Care of Children</b>	LEC	EL	3	6		I	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6921 and permission required									
				COURSE DESC: Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6922	<b>Nursing Care of Children</b>	LEC	LE	3	6		I	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6921 and permission required									
				COURSE DESC: Provides the nurse practitioner student with the knowledge base and clinical experiences in advanced nursing assessment, diagnosis, and intervention related to the physiological and psychosocial health, development, and well-being of children and their families.									
HSP	NRSE	NRSE	6923	<b>Family Nurse Practitioner in Practice</b>	CLN	CL	4	8		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: NRSE 6920 and 6921 and 6922 and permission									
				COURSE DESC: Focuses on application of advanced nursing assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasizes achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	NRSE	6923	<b>Family Nurse Practitioner in Practice</b>	LEC	EL	4	8		N	G40		0
				ELIGIBLE GRADES: 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>6923</b>	<b>Family Nurse Practitioner in Practice</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6920 and 6921 and 6922 and permission Focuses on application of advanced nursing assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasizes achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.									
HSP	NRSE	<b>NRSE</b>	<b>6924</b>	<b>Complex Adult Health Problems I</b>	CLN	CL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 Focuses on advanced nursing practice management of complex adult health including wellness promotion and illness prevention and treatment in adults (18+ years of age) from diverse backgrounds at the nurse practitioner level. Emphasizes utilization of theory, critical thinking, and evidence-based practice to formulate differential diagnoses, clinical impressions, diagnoses, treatment, and evaluation plans for adults in outpatient settings or in acute care settings with multisystem complex illnesses.									
HSP	NRSE	<b>NRSE</b>	<b>6924</b>	<b>Complex Adult Health Problems I</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6221 and 6230 Focuses on advanced nursing practice management of complex adult health including wellness promotion and illness prevention and treatment in adults (18+ years of age) from diverse backgrounds at the nurse practitioner level. Emphasizes utilization of theory, critical thinking, and evidence-based practice to formulate differential diagnoses, clinical impressions, diagnoses, treatment, and evaluation plans for adults in outpatient settings or in acute care settings with multisystem complex illnesses.									
HSP	NRSE	<b>NRSE</b>	<b>6925</b>	<b>Complex Adult Health Problems II</b>	CLN	CL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6924 Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.									
HSP	NRSE	<b>NRSE</b>	<b>6925</b>	<b>Complex Adult Health Problems II</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6924 Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.									
HSP	NRSE	<b>NRSE</b>	<b>6925</b>	<b>Complex Adult Health Problems II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6924 Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.									
HSP	NRSE	<b>NRSE</b>	<b>6926</b>	<b>Critical Care Concepts and Practice</b>	CLN	CL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6925 Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.									
HSP	NRSE	<b>NRSE</b>	<b>6926</b>	<b>Critical Care Concepts and Practice</b>	LEC	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6925 Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.									
HSP	NRSE	<b>NRSE</b>	<b>6926</b>	<b>Critical Care Concepts and Practice</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6925 Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.									
HSP	NRSE	<b>NRSE</b>	<b>6927</b>	<b>Acute Care Nurse Practitioner and Practice</b>	CLN	CL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6926 This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.									
HSP	NRSE	<b>NRSE</b>	<b>6927</b>	<b>Acute Care Nurse Practitioner and Practice</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6926 This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.									
HSP	NRSE	<b>NRSE</b>	<b>6927</b>	<b>Acute Care Nurse Practitioner and Practice</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NRSE 6926 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NRSE</b>	<b>6928</b>	<b>Nursing Educator Practicum</b>	PRA	PR	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		NRSE 6610 and 6620 and 6630						
		COURSE DESC:		Focuses on faculty and preceptor guided experiences in curriculum development, teaching, and program evaluation in an academic setting.									
HSP	NRSE	<b>NRSE</b>	<b>6929</b>	<b>Nursing Administration Practicum</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		NRSE 6710						
		COURSE DESC:		Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.									
HSP	NRSE	<b>NRSE</b>	<b>6929</b>	<b>Nursing Administration Practicum</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		NRSE 6710						
		COURSE DESC:		Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.									
HSP	NRSE	<b>NRSE</b>	<b>6929</b>	<b>Nursing Administration Practicum</b>	PRA	PR	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:		NRSE 6710						
		COURSE DESC:		Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.									
HSP	NRSE	<b>NRSE</b>	<b>6930</b>	<b>Independent Study</b>	IND	EL	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Permission required						
		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.									
HSP	NRSE	<b>NRSE</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:		Permission required						
		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.									
HSP	NRSE	<b>NRSE</b>	<b>6931</b>	<b>Capstone Seminar</b>	SEM	EL	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		NRSE 6010 and 6110 and 6120						
		COURSE DESC:		Focuses on the preparation of the proposal for capstone project.									
HSP	NRSE	<b>NRSE</b>	<b>6931</b>	<b>Capstone Seminar</b>	SEM	SE	1	2		N	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		NRSE 6010 and 6110 and 6120						
		COURSE DESC:		Focuses on the preparation of the proposal for capstone project.									
HSP	NRSE	<b>NRSE</b>	<b>6932</b>	<b>Capstone Project</b>	TUT	EL	1 to 8	8		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		Provides the opportunity to synthesize the information gained throughout the MSN program to develop a product that enhances the quality of the discipline and/or the quality of health care associated with a specific health issue. The student works with an advisor to complete the capstone project.									
HSP	NRSE	<b>NRSE</b>	<b>6932</b>	<b>Capstone Project</b>	TUT	TU	1 to 8	8		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		Permission required						
		COURSE DESC:		Provides the opportunity to synthesize the information gained throughout the MSN program to develop a product that enhances the quality of the discipline and/or the quality of health care associated with a specific health issue. The student works with an advisor to complete the capstone project.									
HSP	NRSE	<b>NRSE</b>	<b>6933</b>	<b>Capstone Experience for Nurse Practitioners</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:		NRSE 6822 or concurrent						
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Nurse Practitioner students also complete a comprehensive final program exam that includes concepts from all program courses pertaining to the population foci of the student NP Track Option and is based on national certification body domains of practice. Students complete an integrated care simulation exam with a standardized patient.									
HSP	NRSE	<b>NRSE</b>	<b>6933</b>	<b>Capstone Experience for Nurse Practitioners</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:		NRSE 6822 or concurrent						
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Nurse Practitioner students also complete a comprehensive final program exam that includes concepts from all program courses pertaining to the population foci of the student NP Track Option and is based on national certification body domains of practice. Students complete an integrated care simulation exam with a standardized patient.									
HSP	NRSE	<b>NRSE</b>	<b>6934</b>	<b>Capstone Experience for Nurse Educators</b>	SEM	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:		NRSE 6928 or concurrent						
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Students also complete a comprehensive exam that includes concepts from all program courses and is based on national certification body competencies. Students develop and deliver a nursing education presentation to peers and faculty.									
HSP	NRSE	<b>NRSE</b>	<b>6934</b>	<b>Capstone Experience for Nurse Educators</b>	SEM	SE	2	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR	REQUISITE:		NRSE 6928 or concurrent						
		COURSE DESC:		This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Students also complete a comprehensive exam that includes concepts from all program courses and is based on national certification body competencies. Students develop and deliver a nursing education presentation to peers and faculty.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	7801	<b>Leadership in Systems and Organizations for Advanced Nursing Practice</b>	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on tranformational leadership, leadership theories and a systems perspective including complexity theory. This course includes analysis of micro and macro systems performance and outcomes in planning a change process with a designated team. The course also focuses on appraisal of various healthcare delivery models. Legal and ethical concerns related to leadership are examined. The course includes integrative immersion outside class time in leadership and/or organization observations.									
HSP	NRSE	NRSE	7801	<b>Leadership in Systems and Organizations for Advanced Nursing Practice</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on tranformational leadership, leadership theories and a systems perspective including complexity theory. This course includes analysis of micro and macro systems performance and outcomes in planning a change process with a designated team. The course also focuses on appraisal of various healthcare delivery models. Legal and ethical concerns related to leadership are examined. The course includes integrative immersion outside class time in leadership and/or organization observations.									
HSP	NRSE	NRSE	7802	<b>Interprofessional Theories for Advanced Nursing Practice</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F 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. An emphasis is placed on the application of mid-range theory to the scholarly projects.									
HSP	NRSE	NRSE	7802	<b>Interprofessional Theories for Advanced Nursing Practice</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F 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. 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>	SEM	EL	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on integration and understanding of healthcare policy and advocacy. An analysis of the process for influencing a health policy agenda is examined. There will be an emphasis on synthesizing professionalism and leadership characteristics necessary to build interprofessional coalitions used for influencing healthcare policies, particularly related to underserved populations. The course includes integrative immersion experiences outside class time related to health policy, lobbying or legislative activities.									
HSP	NRSE	NRSE	7803	<b>Health Policy and Advocacy for Advanced Nursing Practice</b>	SEM	SE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: This course focuses on integration and understanding of healthcare policy and advocacy. An analysis of the process for influencing a health policy agenda is examined. There will be an emphasis on synthesizing professionalism and leadership characteristics necessary to build interprofessional coalitions used for influencing healthcare policies, particularly related to underserved populations. The course includes integrative immersion experiences outside class time related to health policy, lobbying or legislative activities.									
HSP	NRSE	NRSE	7804	<b>Principles of Business and Resource Management for Advanced Nursing Practice</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the principles of business, strategic planning, entrepreneurship and financial implications in advanced nursing practice. An analysis of the impact of value based services, performance outcome measures and budgeting related to healthcare services and access to care will be undertaken. The impact of current national and state legislation, and regulations on advanced nursing practice will be examined.									
HSP	NRSE	NRSE	7804	<b>Principles of Business and Resource Management for Advanced Nursing Practice</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the principles of business, strategic planning, entrepreneurship and financial implications in advanced nursing practice. An analysis of the impact of value based services, performance outcome measures and budgeting related to healthcare services and access to care will be undertaken. The impact of current national and state legislation, and regulations on advanced nursing practice will be examined.									
HSP	NRSE	NRSE	7805	<b>Analysis of Evidence-Based Practice for Advanced Nursing Practice</b>	SEM	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on critical appraisal of research and analysis of literature to inform evidence-based practice. The course examines the use of standardized analysis instruments and diagrams to develop a clinically relevant question. This course will include discussion on how to synthesize evidence-based literature in the development of a capstone scholarly project.									
HSP	NRSE	NRSE	7805	<b>Analysis of Evidence-Based Practice for Advanced Nursing Practice</b>	SEM	SE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on critical appraisal of research and analysis of literature to inform evidence-based practice. The course examines the use of standardized analysis instruments and diagrams to develop a clinically relevant question. This course will include discussion on how to synthesize evidence-based literature in the development of a capstone scholarly project.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	7806	<b>Promotion of Quality Healthcare through Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F 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.	SEM	EL	3	0		N	G40		0
HSP	NRSE	NRSE	7806	<b>Promotion of Quality Healthcare through Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F 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.	SEM	SE	3	0		N	G40		0
HSP	NRSE	NRSE	7807	<b>Application of Evidence-Based Practice for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on integration of evidence-based practice and quality improvement indicators in a microsystem to develop a strategic plan used to improve healthcare for individuals, groups or populations. An emphasis is placed on development of data collection and analysis techniques for evaluation of a change project. An analysis of the relationship of evidence-based practice and data will occur. Students will continue project development by adding the data analysis and methods components to the scholarly project plan.	SEM	EL	3	0		N	G40		0
HSP	NRSE	NRSE	7807	<b>Application of Evidence-Based Practice for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on integration of evidence-based practice and quality improvement indicators in a microsystem to develop a strategic plan used to improve healthcare for individuals, groups or populations. An emphasis is placed on development of data collection and analysis techniques for evaluation of a change project. An analysis of the relationship of evidence-based practice and data will occur. Students will continue project development by adding the data analysis and methods components to the scholarly project plan.	SEM	SE	3	0		N	G40		0
HSP	NRSE	NRSE	7808	<b>Informatics for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the impact of informatics used by advanced practice nurses to promote quality healthcare. The course includes utilization of databases and electronic health records for planning quality improvement projects by advanced practice nurses. An emphasis includes use of informatics for consumers including telehealth. An analysis of the ethical and legal implications of the use of informatics, technology and social media is included.	SEM	EL	2	0		N	G40		0
HSP	NRSE	NRSE	7808	<b>Informatics for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the impact of informatics used by advanced practice nurses to promote quality healthcare. The course includes utilization of databases and electronic health records for planning quality improvement projects by advanced practice nurses. An emphasis includes use of informatics for consumers including telehealth. An analysis of the ethical and legal implications of the use of informatics, technology and social media is included.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	7809	<b>Epidemiology and Population Health for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F 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 and legal issues related to epidemiology and advanced nursing practice.	SEM	EL	2	0		N	G40		0
HSP	NRSE	NRSE	7809	<b>Epidemiology and Population Health for Advanced Nursing Practice</b> ELIGIBLE GRADES: A-F 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 and legal issues related to epidemiology and advanced nursing practice.	SEM	SE	2	0		N	G40		0
HSP	NRSE	NRSE	8940	<b>DNP Scholarly Project Plan and Implementation</b> ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the process of scholarly writing through literature synthesis and development of the scholarly project proposal. An emphasis is placed on application of knowledge to implement an intervention strategy to improve individual, community or population health. The course includes integrative immersion hours outside class time in the clinical project setting.	RSC	EL	3 to 6	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	8940	<b>DNP Scholarly Project Plan and Implementation</b> A-F REQUISITE: NRSE 7807 and 7809 ELIGIBLE GRADES: A-F COURSE DESC: The course focuses on the process of scholarly writing through literature synthesis and development of the scholarly project proposal. An emphasis is placed on application of knowledge to implement an intervention strategy to improve individual, community or population health. The course includes integrative immersion hours outside class time in the clinical project setting.	RSC	RS	3 to 6	0		N	G40		0
HSP	NRSE	NRSE	8941	<b>DNP Scholarly Project Evaluation and Dissemination</b> A-F REQUISITE: NRSE 8940 ELIGIBLE GRADES: A-F 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 integrative immersion hours outside class time in the clinical project setting.	RSC	EL	3 to 6	0		N	G40		0
HSP	NRSE	NRSE	8941	<b>DNP Scholarly Project Evaluation and Dissemination</b> A-F REQUISITE: NRSE 8940 ELIGIBLE GRADES: A-F 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 integrative immersion hours outside class time in the clinical project setting.	RSC	RS	3 to 6	0		N	G40		0
HSP	NRSE	NURS	1110	<b>Foundations of Nursing and Assessment Across the Lifespan</b> A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: A-F COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	CLN	CL	7	0		N	U20		0
HSP	NRSE	NURS	1110	<b>Foundations of Nursing and Assessment Across the Lifespan</b> A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: A-F COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	LAB	LB	7	0		N	U20		0
HSP	NRSE	NURS	1110	<b>Foundations of Nursing and Assessment Across the Lifespan</b> A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: A-F COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	LEC	EL	7	0		N	U20		0
HSP	NRSE	NURS	1110	<b>Foundations of Nursing and Assessment Across the Lifespan</b> A-F REQUISITE: Admission to AA2342 ELIGIBLE GRADES: A-F COURSE DESC: Introduces the student to nursing practice through core concepts, principles, and clinical skills common to all areas and levels of nursing practice. The specific content include client needs, safe and effective care, physiological integrity, psychosocial integrity, health promotion and maintenance, nursing process, standards of professional practice, effective communication, clinical decision making, collaboration, and culturally sensitive care. Emphasizes the assessment of clients, families, and significant support persons regarding factors that impact health promotion and/or disease prevention for the purpose of meeting identified client needs in a culturally sensitive manner. Assessment includes evaluating environmental safety, the level of physiological and psychosocial integrity, and health promotion and maintenance activities along the continuum of life. Introduces nursing process as the cornerstone of professionalism in nursing practice. Additional skills include deomonstration as competent in Vital Signs,Cultural Care,Spiritual Care,Client Family Education, and Sensory alterations.	LEC	LE	7	0		N	U20		0
HSP	NRSE	NURS	1130	<b>Nursing Pharmacology: ADN</b> A-F REQUISITE: NURS 1110 and BIOS 1300 and CHEM 1210 concurrent ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U20		0



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>1130</b>	<b>Nursing Pharmacology: ADN</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1110 and BIOS 1300 and CHEM 1210 concurrent 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>1210</b>	<b>Adult Health I: ADN</b>	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent) The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	LAB	LB	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent) The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent) The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1110 and 1130 and (1220 concurrent) and BIOS 1300 and (1310 concurrent) and CHEM 1210 and (PSY 1010 concurrent) The focus of this first of three medical surgical courses is to introduce the student to the scope and practice of medical-surgical nursing. Emphasizes pathophysiological disturbances and related nursing skills. Introduces to and practice safe administration of medications. Learned skills may be applied in the clinical setting under the supervision of the clinical instructor. Validates prior learning, updates and enhances student's knowledge of nursing, continues the process of role transition, and prepares the student to progress in the associate degree nursing program.									
HSP	NRSE	<b>NURS</b>	<b>1220</b>	<b>Mental Health Nursing</b>	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									
HSP	NRSE	<b>NURS</b>	<b>1220</b>	<b>Mental Health Nursing</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									
HSP	NRSE	<b>NURS</b>	<b>1220</b>	<b>Mental Health Nursing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: NURS 1130 and 1110 and BIOS 1300 and CHEM 1210 and PSY 1010 and BIOS 1310 concurrent Focuses on the role of the associate degree nurse as a member within the discipline of nursing and as a provider and manager of nursing care for children, adolescents, and adults with mental and emotional problems. Emphasizes establishing a therapeutic relationship with clients, families, and significant others to achieve adaptation, recovery, and growth by working through alterations in psychosocial needs.									
HSP	NRSE	<b>NURS</b>	<b>2002</b>	<b>Introduction to Nursing</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The purpose of this course is to provide the student considering nursing as a major with a better understanding of the guiding principles and foundations of nursing practice and to provide a broad overview of the Ohio University Associates Degree Nursing Program. The goal is to provide those students whom are interested in applying to the nursing program with foundational knowledge to succeed in the program.									
HSP	NRSE	<b>NURS</b>	<b>2002</b>	<b>Introduction to Nursing</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The purpose of this course is to provide the student considering nursing as a major with a better understanding of the guiding principles and foundations of nursing practice and to provide a broad overview of the Ohio University Associates Degree Nursing Program. The goal is to provide those students whom are interested in applying to the nursing program with foundational knowledge to succeed in the program.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>2003</b>	<b>Medical Terminology</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		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>2003</b>	<b>Medical Terminology</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		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>2004</b>	<b>Dosage Calculation</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		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>2005</b>	<b>Preparation for NCLEX</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		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>	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		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>2007</b>	<b>Laboratory and Diagnostic Test Interpretation</b>	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to AA2342 or Admission to BS1221 or permission required						
		COURSE DESC:		Remediates nursing content, concepts, and skills included in the National Council Licensure Examination-Registered Nursing (NCLEX-RN) test plan. Remediation will be individualized utilizing a variety of techniques to enhance student knowledge and prepare students for the NCLEX-RN exam and/or nursing course exams.									
HSP	NRSE	<b>NURS</b>	<b>2009</b>	<b>Nursing Review and Remediation</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to AA2342 or Admission to BS1221 or permission required						
		COURSE DESC:		Remediates nursing content, concepts, and skills included in the National Council Licensure Examination-Registered Nursing (NCLEX-RN) test plan. Remediation will be individualized utilizing a variety of techniques to enhance student knowledge and prepare students for the NCLEX-RN exam and/or nursing course exams.									
HSP	NRSE	<b>NURS</b>	<b>2030</b>	<b>Licensed Practical Nurse to Registered Nurse Transition</b>	CLN	CL	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Admission to AA2342						
		COURSE DESC:		Enable students to refine and update previous learning in addition to identifying goals for successful transition to the registered nursing program. Combined with classroom and nursing laboratory experiences, the student learns through application of concepts. The student will demonstrate the ability to solve problems through the use of the nursing process with a focus on client assessment and communication.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>2030</b>	<b>Licensed Practical Nurse to Registered Nurse Transition</b>	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>2040</b>	<b>Licensed Practical Nurse to Registered Nurse Bridge</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>2040</b>	<b>Licensed Practical Nurse to Registered Nurse Bridge</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>2110</b>	<b>Adult Health II: ADN</b>	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent) Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	<b>NURS</b>	<b>2110</b>	<b>Adult Health II: ADN</b>	LAB	LB	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent) Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	<b>NURS</b>	<b>2110</b>	<b>Adult Health II: ADN</b>	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent) Focuses on the concepts of care relating to the cardiovascular, respiratory, and renal systems. Utilizes the nursing process reflecting the use of critical thinking and evidence-based practice to manage individualized client care related to actual or potential problems of oxygenation, perfusion, and ventilation and renal system problems. Emphasizes health promotion and maintenance of the cardiovascular, respiratory, and renal systems due to the high number of clients with these diagnoses.									
HSP	NRSE	<b>NURS</b>	<b>2120</b>	<b>Maternal and Newborn Nursing</b>	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 1310 and NURS 1210 and 1220 and PSY 1010 and ((BIOS 2010 and NURS 2110 and 2130 and (EDEC 1600 or PSY 2410)) or concurrent) Focuses on the role of the associate degree nurse to deliver care to the childbearing client and newborn. The student will function as a member within the discipline of nursing, utilizing critical thinking, caring behaviors, and nursing process to optimize the health of clients.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>2120</b>	<b>Maternal and Newborn Nursing</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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>2130</b>	<b>Child and Adolescent Nursing</b>	CLN	CL	3	0		N	U20		0
		ELIGIBLE GRADES:		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>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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>2210</b>	<b>Adult Health III: ADN</b>	CLN	CL	5	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)							
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	<b>NURS</b>	<b>2210</b>	<b>Adult Health III: ADN</b>	LEC	EL	5	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)							
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	<b>NURS</b>	<b>2210</b>	<b>Adult Health III: ADN</b>	LEC	LE	5	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2220 concurrent)							
		COURSE DESC:		The focus of this third medical-surgical course is to address content of immunology, infectious disease, men/women's health, nervous system, musculoskeletal system, and end of life issues. Develop and implement care plans using the nursing process and evidence-based practice guidelines.									
HSP	NRSE	<b>NURS</b>	<b>2220</b>	<b>Integrated Nursing Practice</b>	CLN	CL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent)							
		COURSE DESC:		Facilitates the transition to entry level practice. Synthesizes information learned in all previous nursing courses. New topics introduced in this course are multisystem/complex care, collaborative care and coordination of care, disaster planning, time management, and standards of care with an emphasis on delegation and prioritization.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>2220</b>	<b>Integrated Nursing Practice</b>	LEC	EL	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent) 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>	LEC	LE	7	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOS 2010 and NURS 2120 and 2130 and (EDEC 1600 or PSY 2410) and (NURS 2210 concurrent) 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>2900</b>	<b>Special Topics in Nursing</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	NRSE	<b>NURS</b>	<b>2900</b>	<b>Special Topics in Nursing</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	NRSE	<b>NURS</b>	<b>2901</b>	<b>Assessment of the Adult Client</b>	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>2901</b>	<b>Assessment of the Adult Client</b>	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 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>	SEM	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 This is an elective short course for nursing students, RNs and allied health professionals from the local areal. 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.									
HSP	NRSE	<b>NURS</b>	<b>2906</b>	<b>Studies in Cardiac Emergencies</b>	SEM	SE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to AA2342 This is an elective short course for nursing students, RNs and allied health professionals from the local areal. Focuses on nursing care related to acute alterations in the physiological needs of oxygenation, perfusion, and ventilation. Assists the student in responding to emergency situations as a member of the resuscitation team and management of prearrest and post resuscitation care.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>1070</b>	<b>Voice and Articulation</b>	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Addresses the recognition, evaluation, and remediation of voice and articulation.									
HSP	RCS	<b>CSD</b>	<b>1070</b>	<b>Voice and Articulation</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to human communication disorders, including disorders of hearing, speech, and language.									
HSP	RCS	<b>CSD</b>	<b>1080</b>	<b>Introduction to Communication Disorders</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: DSI 1120 or 2110 or 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 1110 This is the first in a sequence of four American Sign Language (ASL) courses. Course focuses on the manual alphabet, numbers, facial expressions/body movement, basic vocabulary and simple grammar forms. The history and culture of the Deaf community in the United States is introduced.									
HSP	RCS	<b>CSD</b>	<b>1110</b>	<b>Elementary American Sign Language I</b>	LEC	LE	4	0		N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: DSI 1120 or 2110 or 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 1110 This is the first in a sequence of four American Sign Language (ASL) courses. Course focuses on the manual alphabet, numbers, facial expressions/body movement, basic vocabulary and simple grammar forms. The history and culture of the Deaf community in the United States is introduced.									
HSP	RCS	<b>CSD</b>	<b>1120</b>	<b>Elementary American Sign Language II</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		C- or better in CSD 1110 or 3850 or DSI 1110 and WARNING: No credit for this course if taken after the following: DSI 2110 or 2120 or CSD 2110 and No credit for both this course and the following (always deduct credit for first course taken): DSI 1120 This is the second in a sequence of four American Sign Language (ASL) courses. Continuation of vocabulary and skill development to learn signs from context clues and sign analysis. Complex grammatical structures are introduced and development of sentence structure is continued. Students continue to develop fingerspelling proficiency while increasing the speed and length of words. Includes an introduction to linguistic and cultural aspects of the Deaf community as they relate to literature and current topics of debate.									
HSP	RCS	<b>CSD</b>	<b>1120</b>	<b>Elementary American Sign Language II</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		C- or better in CSD 1110 or 3850 or DSI 1110 and WARNING: No credit for this course if taken after the following: DSI 2110 or 2120 or CSD 2110 and No credit for both this course and the following (always deduct credit for first course taken): DSI 1120 This is the second in a sequence of four American Sign Language (ASL) courses. Continuation of vocabulary and skill development to learn signs from context clues and sign analysis. Complex grammatical structures are introduced and development of sentence structure is continued. Students continue to develop fingerspelling proficiency while increasing the speed and length of words. Includes an introduction to linguistic and cultural aspects of the Deaf community as they relate to literature and current topics of debate.									
HSP	RCS	<b>CSD</b>	<b>2080</b>	<b>Phonetics</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2080</b>	<b>Phonetics</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		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 This is the third in a sequence of four American Sign Language (ASL) courses. Intermediate level ASL classes provide students opportunity to develop more complex expressive and receptive conversational skills. While skill development in finger spelling, numbers, and identifying facial expressions is continued, emphasis is placed on expressive ASL through the use of less common classifiers and ASL idioms in ASL storytelling. Topics revolve around sharing information about the environment and everyday communication. Grammar is targeted in context with an emphasis on further development of discourse skills. Students learn conversational strategies to maintain more complex ASL conversations. Continued study of Deaf community, Deaf education, and more complex ASL literature.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>2110</b>	<b>Intermediate American Sign Language I</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				C- or better in CSD 1120 or 3860 or DSI 1120 and WARNING: No credit for this course if taken after the following: DSI 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2110									
		COURSE DESC:		This is the third in a sequence of four American Sign Language (ASL) courses. Intermediate level ASL classes provide students opportunity to develop more complex expressive and receptive conversational skills. While skill development in finger spelling, numbers, and identifying facial expressions is continued, emphasis is placed on expressive ASL through the use of less common classifiers and ASL idioms in ASL storytelling. Topics revolve around sharing information about the environment and everyday communication. Grammar is targeted in context with an emphasis on further development of discourse skills. Students learn conversational strategies to maintain more complex ASL conversations. Continued study of Deaf community, Deaf education, and more complex ASL literature.									
HSP	RCS	<b>CSD</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	LEC	EL	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				C- or better in CSD 2110 or 3870 or DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2120									
		COURSE DESC:		This is the fourth in a sequence of four American Sign Language (ASL) courses. Focus is placed on the expressive use of ASL through storytelling. Expressive use of ASL grammar is expanded with an emphasis on developing questioning and answering skills. Conversational strategies are learned to help students maintain an ASL conversation appropriately. Includes English/ASL translation of concepts and idioms.									
HSP	RCS	<b>CSD</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				C- or better in CSD 2110 or 3870 or DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2120									
		COURSE DESC:		This is the fourth in a sequence of four American Sign Language (ASL) courses. Focus is placed on the expressive use of ASL through storytelling. Expressive use of ASL grammar is expanded with an emphasis on developing questioning and answering skills. Conversational strategies are learned to help students maintain an ASL conversation appropriately. Includes English/ASL translation of concepts and idioms.									
HSP	RCS	<b>CSD</b>	<b>2130</b>	<b>Anatomy and Physiology of Speech and Language</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				Soph or Jr or Sr									
		COURSE DESC:		Provides an introduction to the structure and function of the speech and language subsystems.									
HSP	RCS	<b>CSD</b>	<b>2130</b>	<b>Anatomy and Physiology of Speech and Language</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				Soph or Jr or Sr									
		COURSE DESC:		Provides an introduction to the structure and function of the speech and language subsystems.									
HSP	RCS	<b>CSD</b>	<b>2500</b>	<b>Speech Science</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				CSD 1080									
		COURSE DESC:		Fundamentals of the production, perception, and acoustics of speech.									
HSP	RCS	<b>CSD</b>	<b>2500</b>	<b>Speech Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				CSD 1080									
		COURSE DESC:		Fundamentals of the production, perception, and acoustics of speech.									
HSP	RCS	<b>CSD</b>	<b>2530</b>	<b>Hearing Science</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				CSD 2130 and MATH 1200									
		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>2530</b>	<b>Hearing Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
				CSD 2130 and MATH 1200									
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
				Specific course content will vary with offering.									
HSP	RCS	<b>CSD</b>	<b>2900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
				Specific course content will vary with offering.									
HSP	RCS	<b>CSD</b>	<b>2970T</b>	<b>CSD First Year Tutorial 1</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>3000</b>	<b>Ageing and Disorders of Communication</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>3100</b>	<b>Language Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>3410</b>	<b>Pre-Professional Service I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Offers observational, service-learning, and professional development opportunities in a speech-language pathology or audiology context.									
HSP	RCS	<b>CSD</b>	<b>3410</b>	<b>Pre-Professional Service I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>3800</b>	<b>Basic Audiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	<b>CSD</b>	<b>4100</b>	<b>Language Science</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Theoretical approaches to language acquisition, neural correlates of language learning, noninvasive imagining techniques, relation of memory and cognition to language, and models of language processing.									
HSP	RCS	<b>CSD</b>	<b>4100</b>	<b>Language Science</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Theoretical approaches to language acquisition, neural correlates of language learning, noninvasive imagining techniques, relation of memory and cognition to language, and models of language processing.									
HSP	RCS	<b>CSD</b>	<b>4180</b>	<b>Disorders of Articulation and Phonology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Focuses on articulation and phonological disorders in children. Emphasis is on evaluation and practical approaches for individuals with articulation and phonological disorders.									
HSP	RCS	<b>CSD</b>	<b>4180</b>	<b>Disorders of Articulation and Phonology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Focuses on articulation and phonological disorders in children. Emphasis is on evaluation and practical approaches for individuals with articulation and phonological disorders.									
HSP	RCS	<b>CSD</b>	<b>4190</b>	<b>Organic Communication Disorders</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides a background on the nature and management of communication disorders associated with physical causes. Illustration of case management presented for selected representative cases.									



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HSP	RCS	<b>CSD</b>	<b>4190</b>	<b>Organic Communication Disorders</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4200</b>	<b>Multicultural Aspects in Communication Sciences</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4410</b>	<b>Pre-Professional Service II</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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>4440</b>	<b>Language Disorders in Children</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4710</b>	<b>Aural Rehabilitation</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	RCS	<b>CSD</b>	<b>4900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				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	EL	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		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>4930</b>	<b>Independent Study in Communication Sciences and Disorders</b>	IND	IS	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		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>	RSC	RS	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and written proposal									
				Research in selected topic of interest to students under direction of faculty member.									

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HSP	RCS	<b>CSD</b>	<b>4970T</b>	<b>CSD Third Year Tutorial 1</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on topics in Communication Sciences and Disorders									
HSP	RCS	<b>CSD</b>	<b>4980T</b>	<b>CSD Third Year Tutorial 2</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5710</b>	<b>Aural Rehabilitation</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5710</b>	<b>Aural Rehabilitation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5850</b>	<b>Sign Language I</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the student to language of the deaf, American Sign Language (ASL) and deaf culture in America. Focus is on building sign vocabulary, learning proper fingerspelling technique, attain knowledge of ASL grammar and syntax rules, employ the correct use of non-manual signals, application of personal space and body language, and the development of sensitivity and awareness of the Deaf community in America. The student is expected to acquire basic signing skills and sign vocabulary and begin putting signs together into correct ASL syntax.									
HSP	RCS	<b>CSD</b>	<b>5850</b>	<b>Sign Language I</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the student to language of the deaf, American Sign Language (ASL) and deaf culture in America. Focus is on building sign vocabulary, learning proper fingerspelling technique, attain knowledge of ASL grammar and syntax rules, employ the correct use of non-manual signals, application of personal space and body language, and the development of sensitivity and awareness of the Deaf community in America. The student is expected to acquire basic signing skills and sign vocabulary and begin putting signs together into correct ASL syntax.									
HSP	RCS	<b>CSD</b>	<b>5860</b>	<b>Sign Language II</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>5860</b>	<b>Sign Language II</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CSD 5860						
		COURSE DESC:		A continuation into the world of deafness and American Sign Language (ASL). Students will continue the study of the cultural and language concepts learned in Sign Language 2. Emphasis is placed on expressive ASL through the use of classifiers and ASL idioms in ASL storytelling.									
HSP	RCS	<b>CSD</b>	<b>5870</b>	<b>Sign Language III</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CSD 5860						
		COURSE DESC:		A continuation into the world of deafness and American Sign Language (ASL). Students will continue the study of the cultural and language concepts learned in Sign Language 2. Emphasis is placed on expressive ASL through the use of classifiers and ASL idioms in ASL storytelling.									
HSP	RCS	<b>CSD</b>	<b>5900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	RCS	<b>CSD</b>	<b>5900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>6010</b>	<b>Research Methods in Hearing, Speech and Language Sciences</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6030</b>	<b>Neuroscience of Communication</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6030</b>	<b>Neuroscience of Communication</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6080</b>	<b>Advanced Study of Language Disorders in School Age Children</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides students overview of various cognitive-linguistic impairments associated with school- age children's language disorders. Also provides students best practices in the assessment and treatment of the cognitive-linguistic impairments in school- age children.									
HSP	RCS	<b>CSD</b>	<b>6090</b>	<b>Communicative Disorders in Infants and Young Children</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		In-depth study of language assessment intervention strategies for children exhibiting disorders of language. Areas of therapy considered include development of prelinguistic skills, pragmatic as well as semantic, and grammatical aspects of comprehension and production.									
HSP	RCS	<b>CSD</b>	<b>6090</b>	<b>Communicative Disorders in Infants and Young Children</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		In-depth study of language assessment intervention strategies for children exhibiting disorders of language. Areas of therapy considered include development of prelinguistic skills, pragmatic as well as semantic, and grammatical aspects of comprehension and production.									
HSP	RCS	<b>CSD</b>	<b>6130</b>	<b>Developmental and Disordered Phonology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of phonological problems associated with overall language disorders. Emphasis on theories of phonological acquisition, stages of development, description of deviant systems, methods of data collection and analysis, and suggestions for remediation.									
HSP	RCS	<b>CSD</b>	<b>6130</b>	<b>Developmental and Disordered Phonology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Study of phonological problems associated with overall language disorders. Emphasis on theories of phonological acquisition, stages of development, description of deviant systems, methods of data collection and analysis, and suggestions for remediation.									
HSP	RCS	<b>CSD</b>	<b>6170</b>	<b>Disorders of Fluency</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6170</b>	<b>Disorders of Fluency</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Assessment, intervention, and administrative issues for speech-language pathologists working with children in the public schools.									
HSP	RCS	<b>CSD</b>	<b>6190</b>	<b>Speech Language Pathology in Public Schools</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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.									

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HSP	RCS	<b>CSD</b>	<b>6210</b>	<b>Disorders of Phonation</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6230</b>	<b>Diagnostic Procedures in Speech-Language Pathology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Study of theory and practice pertaining to the diagnostic process, including topics on models of diagnosis, family-centered assessment, multicultural issues, tools and methods, as well as assessment in selected areas of disorders.									
HSP	RCS	<b>CSD</b>	<b>6230</b>	<b>Diagnostic Procedures in Speech-Language Pathology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Study of theory and practice pertaining to the diagnostic process, including topics on models of diagnosis, family-centered assessment, multicultural issues, tools and methods, as well as assessment in selected areas of disorders.									
HSP	RCS	<b>CSD</b>	<b>6240</b>	<b>Neuromotor Disorders of Speech</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: In-depth study of nature and habilitation of speech disorders of organic etiology. Primary focus on articulation disorders resulting from structural lesions, muscle incoordination, and weakness.									
HSP	RCS	<b>CSD</b>	<b>6240</b>	<b>Neuromotor Disorders of Speech</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: In-depth study of nature and habilitation of speech disorders of organic etiology. Primary focus on articulation disorders resulting from structural lesions, muscle incoordination, and weakness.									
HSP	RCS	<b>CSD</b>	<b>6270</b>	<b>Medical Aspects of Auditory Disorders</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6731 and 6750 and 6770 Provides discussion of etiology, pathophysiology, diagnosis, and medical and surgical treatments for the various external, middle, inner ear, and central nervous system diseases that result in a variety of auditory disorders. Overview of recent advances in molecular biology and genetics of hearing loss. Readings in medical literature and familiarization with medical terminology and philosophy of intervention.									
HSP	RCS	<b>CSD</b>	<b>6270</b>	<b>Medical Aspects of Auditory Disorders</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6731 and 6750 and 6770 Provides discussion of etiology, pathophysiology, diagnosis, and medical and surgical treatments for the various external, middle, inner ear, and central nervous system diseases that result in a variety of auditory disorders. Overview of recent advances in molecular biology and genetics of hearing loss. Readings in medical literature and familiarization with medical terminology and philosophy of intervention.									
HSP	RCS	<b>CSD</b>	<b>6290</b>	<b>Adult Language Disorders</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		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>6290</b>	<b>Adult Language Disorders</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	8		N	G50		0
		ELIGIBLE GRADES:		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>6340</b>	<b>Clinical Methods in Speech-Language Pathology</b>	LEC	LE	2	8		N	G50		0
		ELIGIBLE GRADES:		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>	LEC	EL	2	6		N	G50		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>6351</b>	<b>Professional Education in Audiology I</b>	LEC	LE	2	6		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6400</b>	<b>Augmentative Communication</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6410</b>	<b>Dysphagia</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6520</b>	<b>Experimental Phonetics</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Presents fundamental and advanced audiological procedures for the diagnosis of conductive, cochlear, and eight nerve disorders of the auditory systems. Lab experiences will provide hands-on experience with current test protocols and equipment.									
HSP	RCS	<b>CSD</b>	<b>6730</b>	<b>Diagnostic Audiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Presents fundamental and advanced audiological procedures for the diagnosis of conductive, cochlear, and eight nerve disorders of the auditory systems. Lab experiences will provide hands-on experience with current test protocols and equipment.									
HSP	RCS	<b>CSD</b>	<b>6731</b>	<b>Advanced Diagnostic Audiology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6731</b>	<b>Advanced Diagnostic Audiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6740</b>	<b>Hearing Aids</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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>6750</b>	<b>Electrophysiologic Assessment</b>	LEC	EL	4	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Electrophysiologic measurements applied to human auditory system function focused on the use of auditory evoked potentials.									

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HSP	RCS	<b>CSD</b>	<b>6750</b>	<b>Electrophysiologic Assessment</b>	LEC	LE	4	0		N	G50		0
		ELIGIBLE GRADES:		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>6751</b>	<b>Advanced Electrophysiologic Assessment</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6750									
				Advanced topics in auditory electrophysiologic assessment including topics such as frequency following response, P300, mismatch negativity as well as other early-, mid-, and late-evoked potentials.									
HSP	RCS	<b>CSD</b>	<b>6751</b>	<b>Advanced Electrophysiologic Assessment</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6750									
				Advanced topics in auditory electrophysiologic assessment including topics such as frequency following response, P300, mismatch negativity as well as other early-, mid-, and late-evoked potentials.									
HSP	RCS	<b>CSD</b>	<b>6770</b>	<b>Advanced Hearing Science</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Overview of classical and contemporary psychophysical methods, physics of sound, anatomy and physiology of the auditory system, excitation of cochlea and auditory nerve, frequency analysis, pitch perception, nonlinear distortion, loudness, frequency, and intensity discrimination.									
HSP	RCS	<b>CSD</b>	<b>6770</b>	<b>Advanced Hearing Science</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Overview of classical and contemporary psychophysical methods, physics of sound, anatomy and physiology of the auditory system, excitation of cochlea and auditory nerve, frequency analysis, pitch perception, nonlinear distortion, loudness, frequency, and intensity discrimination.									
HSP	RCS	<b>CSD</b>	<b>6900</b>	<b>Special Topics in Speech-Language Pathology</b>	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	EL	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	SE	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	FLD	FE	2	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: CSD 6080 and 6130 and 6170 and 6210 and 6230 and 6290 and (Knowledge and Skill Assessment score in consistent range 5.0-6.9)									
				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>	PRA	PR	1	6		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	PRA	PR	1 to 2	9		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	SEM	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>6935</b>	<b>Aging and Communication in the Developing World</b>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and successful defense of research proposal Thesis in communication disorders.									
HSP	RCS	<b>CSD</b>	<b>7351</b>	<b>Professional Education in Audiology II</b>	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to bridge didactic coursework and clinical experience for second year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	<b>CSD</b>	<b>7351</b>	<b>Professional Education in Audiology II</b>	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Designed to bridge didactic coursework and clinical experience for second year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.									
HSP	RCS	<b>CSD</b>	<b>7620</b>	<b>Rehabilitative Audiology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6740 and 7630 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>7620</b>	<b>Rehabilitative Audiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6740 and 7630 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>7630</b>	<b>Pediatric/Educational Audiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>Industrial Audiology</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6740 and 6770 Information about the adverse effects of noise on hearing, the assessment of the environment for hazardous conditions, Occupational Safety and Health Administratin (OSHA) regulations on noise exposure, and the implementation of a hearing conservation program as prescribed by the National Institute for Occupational Safety and Health (NIOSH).									
HSP	RCS	<b>CSD</b>	<b>7680</b>	<b>Industrial Audiology</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6730 and 6740 and 6770 Information about the adverse effects of noise on hearing, the assessment of the environment for hazardous conditions, Occupational Safety and Health Administratin (OSHA) regulations on noise exposure, and the implementation of a hearing conservation program as prescribed by the National Institute for Occupational Safety and Health (NIOSH).									
HSP	RCS	<b>CSD</b>	<b>7700</b>	<b>Cochlear Implants</b>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6030 and 6750 and 6770 Neurobiological basis for cochlear implants, speech processing techniques, candidacy for implants, post operative management, and outcomes assessment.									
HSP	RCS	<b>CSD</b>	<b>7700</b>	<b>Cochlear Implants</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6030 and 6750 and 6770 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>7750</b>	<b>Advanced Hearing Aids</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6030 and 6750 Assessment of balance function with emphasis on electronystagmography, rotary chair, and platform posturography.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>7850</b>	<b>Balance Function Assessment</b>	LEC	LE	3	0		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CSD 6030 and 6750									
				Assessment of balance function with emphasis on electronystagmography, rotary chair, and platform posturography.									
HSP	RCS	<b>CSD</b>	<b>7910</b>	<b>Clinical Externship in Audiology</b>	FLD	FE	3 to 15	30		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	PRA	PR	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 2nd year Au.D. student									
				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	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7930</b>	<b>Directed Studies</b>	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7931</b>	<b>Directed Studies</b>	IND	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology of speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7931</b>	<b>Directed Studies</b>	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology of speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7932</b>	<b>Directed Studies</b>	IND	EL	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7932</b>	<b>Directed Studies</b>	IND	IS	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Directed studies on selected topics in audiology or speech-language pathology.									
HSP	RCS	<b>CSD</b>	<b>7950</b>	<b>Integrated Clinical Education</b>	SEM	EL	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to bridge didactic coursework and clinical experience in the second and third years of the Au.D. program in a larger group setting that may simulate a grand rounds experience and provide opportunities for advanced students to mentor more junior students. Lecture, practice, experimentation, and student presentations.									
HSP	RCS	<b>CSD</b>	<b>7950</b>	<b>Integrated Clinical Education</b>	SEM	SE	1	2		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to bridge didactic coursework and clinical experience in the second and third years of the Au.D. program in a larger group setting that may simulate a grand rounds experience and provide opportunities for advanced students to mentor more junior students. Lecture, practice, experimentation, and student presentations.									
HSP	RCS	<b>CSD</b>	<b>8351</b>	<b>Professional Education in Audiology III</b>	LEC	EL	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to provide third year Au.D. students a didactic forum facilitating intergration of theoretical and clinical aspects of diagnostic and rehabilitative audiology via lectures, practice, experimentation, and student participation and presentations. Topics covered will coincide with current and previous coursework as well as the level of the students.									
HSP	RCS	<b>CSD</b>	<b>8351</b>	<b>Professional Education in Audiology III</b>	LEC	LE	2	4		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Designed to provide third year Au.D. students a didactic forum facilitating intergration of theoretical and clinical aspects of diagnostic and rehabilitative audiology via lectures, practice, experimentation, and student participation and presentations. Topics covered will coincide with current and previous coursework as well as the level of the students.									
HSP	RCS	<b>CSD</b>	<b>8900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	EL	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	RCS	<b>CSD</b>	<b>8900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	LEC	LE	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>8910</b>	<b>Full-time Audiology Externship</b>	FLD	FE	2 to 18	54		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: CSD 8921 and 8949 must be completed prior to commencing externship Full-time supervised externship for three semesters, located nationwide.									
HSP	RCS	<b>CSD</b>	<b>8921</b>	<b>Audiology Practicum III</b>	PRA	PR	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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	IS	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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	IS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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>	RSC	RS	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	3	6		N	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Research training experience in which students work in faculty research labs. Students design and implement their own research projects in consultation and collaboration with their faculty research mentor. The two semester experience culminates in a completed research manuscript as well as a presentation.									
HSP	RCS	<b>CSD</b>	<b>8950</b>	<b>Dissertation in CSD</b>	THE	TH	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and mentor will judge readiness of student to begin dissertation based on student's performance in related directed studies. 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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Examination of the fundamental principles of signal detection theory and application of the theory to research in the speech, language, and hearing sciences.									
HSP	RCS	<b>CSD</b>	<b>8961</b>	<b>Auditory Scene Analysis</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Discussion of the psychological underpinnings essential for persons to form coherent mental representations and interpretations of the world around them based on auditory information.									
HSP	RCS	<b>CSD</b>	<b>8962</b>	<b>Working Memory, Cognition and Language</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Students will engage in critical analysis and comparison of the three most prominent models of working memory and will relate the different models to auditory processing and language processing.									
HSP	RCS	<b>CSD</b>	<b>8963</b>	<b>Theoretical Accounts of Specific Language Impairment</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Provide students with current knowledge about the primary theoretical positions about specific language impairment (SLI) in children. The seminar examines the different theoretical assumptions underlying various models of SLI and evidence supporting each model.									
HSP	RCS	<b>CSD</b>	<b>8964</b>	<b>Advanced Topics in Auditory Prosthesis</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Provides overview of basic research and its clinical implications in cochlear implants and other auditory prostheses including intraneural implants, auditory brainstem implants, midbrain implants, and optical stimulation of auditory neurons. Discusses clinical issues with cochlear implants. Provides experience and troubleshooting with the newest hardware and software used in clinical cochlear-implant programming.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>8965</b>	<b>Single Subject Research in CSD</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		N	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Examines methods to enhance teaching and learning in the field of communication sciences and disorders.									
HSP	RCS	<b>CSD</b>	<b>8977</b>	<b>Signal Processing</b>	SEM	SE	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>CSD</b>	<b>8979</b>	<b>Advanced Seminar in Neurogenic Speech and Swallowing</b>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	3	0		I	G50		0
		ELIGIBLE GRADES:		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>	SEM	SE	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		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>PA</b>	<b>2110</b>	<b>Introduction to the Physician Assistant Profession</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		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>2110</b>	<b>Introduction to the Physician Assistant Profession</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		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 I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Admission to the Ohio University Physician Assistant Program					
		COURSE DESC:		The first in a series of two courses, students will explore the history and development of the physician assistant (PA) profession, issues affecting clinical practice and the PA's role in the healthcare system.									
HSP	RCS	<b>PA</b>	<b>5110</b>	<b>Physician Assistant Practice I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Admission to the Ohio University Physician Assistant Program					
		COURSE DESC:		The first in a series of two courses, students will explore the history and development of the physician assistant (PA) profession, 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>	LEC	EL	2	0		N	G40		0
		ELIGIBLE GRADES:		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>5120</b>	<b>Physician Assistant Practice II: US Healthcare Systems and Policy</b>	LEC	LE	2	0		N	G40		0
		ELIGIBLE GRADES:		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>5210</b>	<b>Clinical Gross Anatomy for the Physician Assistant</b>	LAB	LB	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Admission into the Physician Assistant program					
		COURSE DESC:		This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.									
HSP	RCS	<b>PA</b>	<b>5210</b>	<b>Clinical Gross Anatomy for the Physician Assistant</b>	LEC	EL	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Admission into the Physician Assistant program					
		COURSE DESC:		This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.									
HSP	RCS	<b>PA</b>	<b>5210</b>	<b>Clinical Gross Anatomy for the Physician Assistant</b>	LEC	LE	5	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Admission into the Physician Assistant program					
		COURSE DESC:		This physician assistant course in human gross anatomy provides foundational concepts in the structure and function of the human body. The course includes lecture and laboratory including dissection and prosection of human cadaveric specimens to focus on the clinical application of human anatomy to health and disease.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5220	<b>Clinical Pathophysiology I for the Physician Assistant</b>	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Admission to the Ohio University Physician Assistant Program The first in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology as it relates to cell function, homeostasis and molecular interactions within the human body.									
HSP	RCS	PA	5230	<b>Clinical Pathophysiology II for the Physician Assistant</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5220 The second in a series of two courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: cardiovascular, respiratory, musculoskeletal and hematology and oncology.									
HSP	RCS	PA	5230	<b>Clinical Pathophysiology II for the Physician Assistant</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5220 The second in a series of two courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: cardiovascular, respiratory, musculoskeletal and hematology and oncology.									
HSP	RCS	PA	5240	<b>Clinical Pathophysiology III for the Physician Assistant</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5220 The final in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: metabolic, endocrine, integumentary, gastrointestinal, genitourinary, immune, renal, and neurologic.									
HSP	RCS	PA	5240	<b>Clinical Pathophysiology III for the Physician Assistant</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5220 The final in a series of three courses for physician assistant students, this course provides foundational content in physiology and pathophysiology to include the function of cells, tissues, organs and organ systems in health and disease states. Course topics include the following systems: metabolic, endocrine, integumentary, gastrointestinal, genitourinary, immune, renal, and neurologic.									
HSP	RCS	PA	5250	<b>Clinical Pharmacology</b>	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Admission to the Ohio University Physician Assistant Program This physician assistant course provides the foundational principles of pharmacology and pharmacotherapeutics. Content includes pharmacokinetics, pharmacodynamics, and pharmacogenetics related to drug therapy. The indications, contraindications and adverse effects of prototypical drugs are covered, including drug dependence and addiction.									
HSP	RCS	PA	5260	<b>Clinical Science for the Physician Assistant</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Admission to the Ohio University Physician Assistant Program This course provides the physician assistant student a solid foundation in basic laboratory science and genetics that will be applied in the clinical management of health and disease.									
HSP	RCS	PA	5310	<b>Patient Assessment I</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5110 This course provides the physician assistant student with the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination. Interviewing skills, focused physical examination techniques and an introduction to documentation and medical records will also be discussed.									
HSP	RCS	PA	5310	<b>Patient Assessment I</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5110 This course provides the physician assistant student with the knowledge and clinical skills required for medical history-taking and performance of the complete physical examination. Interviewing skills, focused physical examination techniques and an introduction to documentation and medical records will also be discussed.									
HSP	RCS	PA	5330	<b>Clinical Procedures for the Physician Assistant</b>	LEC	EL	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5540 This course builds upon the skills developed in the didactic year where students will learn and demonstrate competency on a variety of clinical skills in the areas that include but are not limited to emergency medicine, surgery, men and women's health, internal medicine, and orthopedics.									
HSP	RCS	PA	5330	<b>Clinical Procedures for the Physician Assistant</b>	LEC	LE	2	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5540 This course builds upon the skills developed in the didactic year where students will learn and demonstrate competency on a variety of clinical skills in the areas that include but are not limited to emergency medicine, surgery, men and women's health, internal medicine, and orthopedics.									
HSP	RCS	PA	5530	<b>Clinical Medicine III</b>	LEC	LE	4	0		N	G40		0
				ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: PA 5210 The third 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	5540	<b>Clinical Medicine IV</b> ELIGIBLE GRADES: A-F 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: Eyes, Ears, Nose, Throat, Infectious Disease, Dermatologic and Neurologic.	LEC	LE	4	0		N	G40		0
HSP	RCS	PA	5550	<b>Behavioral and Mental Health</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	2	0		N	G40		0
HSP	RCS	PA	5550	<b>Behavioral and Mental Health</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5551	<b>Emergency Medicine</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G40		0
HSP	RCS	PA	5551	<b>Emergency Medicine</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5552	<b>Pediatric Medicine</b> ELIGIBLE GRADES: A-F COURSE DESC: This course builds upon the knowledge obtained in the clinical medicine series and introduces the physician assistant student to the principles of pediatric medicine. Students will be tasked to utilize critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions affecting pediatric patients with an emphasis on injury and disease prevention.	LEC	EL	2	0		N	G40		0
HSP	RCS	PA	5552	<b>Pediatric Medicine</b> ELIGIBLE GRADES: A-F COURSE DESC: This course builds upon the knowledge obtained in the clinical medicine series and introduces the physician assistant student to the principles of pediatric medicine. Students will be tasked to utilize critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions affecting pediatric patients with an emphasis on injury and disease prevention.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5553	<b>Women's Health</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	2	0		N	G40		0
HSP	RCS	PA	5553	<b>Women's Health</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	5554	<b>General Surgery</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	G40		0
HSP	RCS	PA	5554	<b>General Surgery</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	G40		0
HSP	RCS	PA	5560	<b>Transition to Clinical Practice</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	4	0		N	G40		0
HSP	RCS	PA	5560	<b>Transition to Clinical Practice</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	4	0		N	G40		0

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PA	6101	<b>Clinical Rotation: Behavioral and Mental Health</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides a four week clinical experience in Behavioral Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with adult patients in the Behavioral Medicine setting who require acute, chronic, and/or emergent care.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6102	<b>Clinical Rotation: Emergency Medicine</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in Emergency Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with patients in an Emergency Department setting who require acute, chronic, and/or preventive care in patient populations across the life span.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6103	<b>Clinical Rotation: Family Medicine</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in Family Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the Family Medicine setting who require acute, chronic, and/or preventive care in patient populations across the life span.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6107	<b>Clinical Rotation: Internal Medicine II</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in hospital based, inpatient Internal Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the hospital setting who require acute, chronic, and/or preventive care in patient populations across the life span.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6108	<b>Clinical Rotation: Pediatric Medicine</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in Pediatric Medicine with the direct supervision of a qualified preceptor. The rotation includes experience with patients in the Pediatric setting who require acute, chronic, and/or preventive care.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6110	<b>Clinical Rotation - General Selective I</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in any core clinical rotation or specialty selected by the student from a Program list with the direct supervision of a qualified preceptor. The rotation includes experience in patient assessment, diagnosis, and management of patient population pertinent to the specialty.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6111	<b>Clinical Rotation: General Selective II</b> ELIGIBLE GRADES: A-F COURSE DESC: This rotation provides the physician assistant student a four week clinical experience in any core clinical rotation or specialty selected by the student from a Program list with the direct supervision of a qualified preceptor. The rotation includes experience in patient assessment, diagnosis, and management of patient population pertinent to the specialty.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6113	<b>Clinical Rotation: Critical Access Hospital</b> ELIGIBLE GRADES: A-F 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.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6114	<b>Clinical Rotation: Geriatrics</b> ELIGIBLE GRADES: A-F 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.	CLN	CL	3	0		N	G40		0
HSP	RCS	PA	6210	<b>Evidence Based Research I</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	2	0		N	G40		0
HSP	RCS	PA	6210	<b>Evidence Based Research I</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	2	0		N	G40		0
HSP	RCS	PA	6220	<b>Evidence-Based Research II</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	1	0		N	G40		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>PA</b>	<b>6220</b>	<b>Evidence-Based Research II</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PA 6210 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	<b>PA</b>	<b>6230</b>	<b>Evidence-Based Research III</b>	LEC	EL	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PA 6220 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	<b>PA</b>	<b>6230</b>	<b>Evidence-Based Research III</b>	LEC	LE	1	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PA 6220 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	<b>PT</b>	<b>2590</b>	<b>Introduction to Physical Therapy</b>	LEC	LE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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	<b>PT</b>	<b>2591</b>	<b>Introductions to Physical Therapy Clinical Experience</b>	LAB	LB	2	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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	<b>PT</b>	<b>2591</b>	<b>Introductions to Physical Therapy Clinical Experience</b>	LEC	LE	2	0		I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required 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	<b>PT</b>	<b>2900</b>	<b>Special Topics in Physical Therapy</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	RCS	<b>PT</b>	<b>2900</b>	<b>Special Topics in Physical Therapy</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	RCS	<b>PT</b>	<b>6300</b>	<b>Advanced Anatomy and Pathology of the Musculoskeletal System</b>	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the Residency Program and permission required 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	<b>PT</b>	<b>6300</b>	<b>Advanced Anatomy and Pathology of the Musculoskeletal System</b>	LEC	EL	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the Residency Program and permission required 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	<b>PT</b>	<b>6300</b>	<b>Advanced Anatomy and Pathology of the Musculoskeletal System</b>	LEC	LE	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the Residency Program and permission required 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	<b>PT</b>	<b>6310</b>	<b>Advanced Upper Quarter Orthopedics</b>	LAB	LB	3	0		I	G50		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Admission to the Residency Program and permission required 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	6310	<b>Advanced Upper Quarter Orthopedics</b>	LEC	EL	3	0		I	G50		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		I	G50		0
				ELIGIBLE GRADES: 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>	LAB	LB	3	0		I	G50		0
				ELIGIBLE GRADES: 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>	LEC	EL	3	0		I	G50		0
				ELIGIBLE GRADES: 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>	LEC	LE	3	0		I	G50		0
				ELIGIBLE GRADES: 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>	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	6900	<b>Special Topics in Physical Therapy</b>	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	7010	<b>Anatomical Dissection for Physical Therapists</b>	LAB	LB	5	0		N	G50		0
				ELIGIBLE GRADES: 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>	LEC	EL	5	0		N	G50		0
				ELIGIBLE GRADES: 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>	LEC	LE	5	0		N	G50		0
				ELIGIBLE GRADES: 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>	LAB	LB	5	0		N	G50		0
				ELIGIBLE GRADES: 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	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7011	<b>Anatomical Dissection of the Extremities for PT</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	LE	5	0		N	G50		0
HSP	RCS	PT	7012	<b>Anatomical Dissection of the Spine and Trunk for PT</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LAB	LB	5	0		N	G50		0
HSP	RCS	PT	7012	<b>Anatomical Dissection of the Spine and Trunk for PT</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	LE	5	0		N	G50		0
HSP	RCS	PT	7030	<b>Clinical Skills and Examination I</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LAB	LB	4	0		N	G50		0
HSP	RCS	PT	7030	<b>Clinical Skills and Examination I</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	EL	4	0		N	G50		0
HSP	RCS	PT	7030	<b>Clinical Skills and Examination I</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	LE	4	0		N	G50		0
HSP	RCS	PT	7031	<b>Clinical Skills and Examination I: Foundations</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7032	<b>Clinical Skills and Examination I: Applications</b> A-F, PR REQUISITE: Admission to the DPT program 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7040	<b>Clinical Skills and Examination II</b> A-F, PR REQUISITE: PT 7030 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.	LAB	LB	3	0		N	G50		0
HSP	RCS	PT	7040	<b>Clinical Skills and Examination II</b> A-F, PR REQUISITE: PT 7030 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7041	<b>Clinical Skills and Examination II: Foundations</b> A-F, PR REQUISITE: PT 7031 and PT 7032 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.	LEC	LE	2	0		N	G50		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7042	<b>Clinical Skills and Examination II: Applications</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7110	<b>Clinical Science: Pathophysiology</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	EL	3	0		N	G50		0
HSP	RCS	PT	7110	<b>Clinical Science: Pathophysiology</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7120	<b>Cardiopulmonary Conditions in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7130	<b>Differential Diagnosis and Acute Care in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	EL	3	0		N	G50		0
HSP	RCS	PT	7130	<b>Differential Diagnosis and Acute Care in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7140	<b>Pharmacology in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Discussion of pharmacology and its implication in physical therapy is the focus. Emphasis is on drug classifications and drug mechanisms of action.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	7140	<b>Pharmacology in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Discussion of pharmacology and its implication in physical therapy is the focus. Emphasis is on drug classifications and drug mechanisms of action.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7150	<b>Imaging in Rehabilitation</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	EL	2	0		I	G50		0
HSP	RCS	PT	7150	<b>Imaging in Rehabilitation</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	2	0		I	G50		0
HSP	RCS	PT	7300	<b>Clinical and Professional Orientation in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	1	0		N	G50		0

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HSP	RCS	PT	7310	<b>Professional Communication and Documentation</b> A-F, PR REQUISITE: PT 7030 Provides foundational information on physical therapy practice including history, roles and responsibilities within the continuum of care and emphasizes professional communication, documentation skills, cultural competency, and educational practices for clients and families.	LEC	EL	3	0		N	G50		0
HSP	RCS	PT	7310	<b>Professional Communication and Documentation</b> A-F, PR REQUISITE: PT 7030 Provides foundational information on physical therapy practice including history, roles and responsibilities within the continuum of care and emphasizes professional communication, documentation skills, cultural competency, and educational practices for clients and families.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7311	<b>Professional Communication and Documentation in PT</b> A-F, PR REQUISITE: PT 7300 This course will focus on the development of professional written and oral communication skills, documentation skills, cultural competency, and educational practices for clients and families related to the practice of physical therapy.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	7311	<b>Professional Communication and Documentation in PT</b> A-F, PR REQUISITE: PT 7300 This course will focus on the development of professional written and oral communication skills, documentation skills, cultural competency, and educational practices for clients and families related to the practice of physical therapy.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7400	<b>Evidence-Based Practice in Physical Therapy</b> A-F, PR REQUISITE: Admission to the DPT program Principles of evidence based practice will be discussed. Topics covered will be forms and hierarchy of evidence, searches using a variety of databases pertinent to physical therapy, formulating the research question, measurement, and basic research design. Emphasis will be placed on understanding and utilization of statistical methods as well as on acquiring the skills to critically analyze research.	LEC	EL	3	0		N	G50		0
HSP	RCS	PT	7400	<b>Evidence-Based Practice in Physical Therapy</b> A-F, PR REQUISITE: Admission to the DPT program Principles of evidence based practice will be discussed. Topics covered will be forms and hierarchy of evidence, searches using a variety of databases pertinent to physical therapy, formulating the research question, measurement, and basic research design. Emphasis will be placed on understanding and utilization of statistical methods as well as on acquiring the skills to critically analyze research.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7500	<b>Neuroanatomy for Physical Therapists</b> A-F, PR REQUISITE: PT 7011 and PT 7012 Neuroanatomical study of the human brain, brainstem, cranial nerves, and spinal cord is covered emphasizing function and clinical considerations relative to physical therapy.	LAB	LB	2	0		N	G50		0
HSP	RCS	PT	7500	<b>Neuroanatomy for Physical Therapists</b> A-F, PR REQUISITE: PT 7011 and PT 7012 Neuroanatomical study of the human brain, brainstem, cranial nerves, and spinal cord is covered emphasizing function and clinical considerations relative to physical therapy.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7510	<b>Neural Basis of Movement I: Systems and Behavioral Neuroscience</b> A-F, PR REQUISITE: PT 7500 Covers a systems approach to neural basis of motor, sensory, cognitive, affective, and homeostatic processes that underlies behavior with emphasis on the motor control and motor learning of locomotion, postural control/balance, and skilled movement. Students will apply content to evaluating neural origins of movement dysfunction and the physiological basis for strategies to improve skilled motor performance.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7520	<b>Physical Therapy Mgt of Brain Injury and Balance Disorders</b> A-F, PR REQUISITE: PT 7510 Focuses on utilizing knowledge of neuroanatomy, motor control systems and motor learning concepts to the physical therapy examination, and evaluation and treatment of persons who have focal or diffuse lesions within the brain, such as stroke or traumatic brain injury. Focus is on a systems approach to clinical decision-making, functional retraining and case management.	LAB	LB	4	0		N	G50		0
HSP	RCS	PT	7520	<b>Physical Therapy Mgt of Brain Injury and Balance Disorders</b> A-F, PR REQUISITE: PT 7510 Focuses on utilizing knowledge of neuroanatomy, motor control systems and motor learning concepts to the physical therapy examination, and evaluation and treatment of persons who have focal or diffuse lesions within the brain, such as stroke or traumatic brain injury. Focus is on a systems approach to clinical decision-making, functional retraining and case management.	LEC	LE	4	0		N	G50		0

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HSP	RCS	PT	7521	<b>Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy</b>	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: This course applies the knowledge of neuroanatomy and motor control systems to the physical therapy management of movement dysfunction which results from a focal or diffuse lesion, such as stroke or brain injury, in the central nervous system. Course content introduces the foundational characteristics and clinical presentation of focal and diffuse brain lesions, evidence-based systems approach to examination and assessment, and critical evaluation of treatment theory.									
HSP	RCS	PT	7521	<b>Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: This course applies the knowledge of neuroanatomy and motor control systems to the physical therapy management of movement dysfunction which results from a focal or diffuse lesion, such as stroke or brain injury, in the central nervous system. Course content introduces the foundational characteristics and clinical presentation of focal and diffuse brain lesions, evidence-based systems approach to examination and assessment, and critical evaluation of treatment theory.									
HSP	RCS	PT	7522	<b>Clinical Applications for Management of Adult Stroke and Brain Injury in Physical Therapy</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Course content addresses the synthesis and application of didactic knowledge regarding clinical presentation of focal and diffuse brain lesions and movement dysfunctions after neurological insult. Course emphasizes the effective performance of a physical therapy examination and assessment. Design and implementation of task-specific and activity based prevention and interventions with the goal of promoting optimal functional recovery and neural reorganization is also covered.									
HSP	RCS	PT	7525	<b>Balance and Vestibular Conditions in Physical Therapy</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students will apply knowledge of motor control and motor learning theory to the physical therapy assessment and treatment of persons who have acute, chronic and/or degenerative neurologic conditions of the nervous system with an emphasis on the evaluation and treatment of balance and vestibular disorders in the context of central and peripheral lesions.									
HSP	RCS	PT	7530	<b>Physical Therapy Management of Chronic and/or Progressive Disorders</b>	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									
HSP	RCS	PT	7530	<b>Physical Therapy Management of Chronic and/or Progressive Disorders</b>	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									
HSP	RCS	PT	7530	<b>Physical Therapy Management of Chronic and/or Progressive Disorders</b>	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Applies knowledge of motor control and motor learning theory to the assessment and treatment of patients with chronic and/or progressive disorders. Focus is on a systems approach to clinical decision-making and case management.									
HSP	RCS	PT	7540	<b>Neural Synthesis</b>	LAB	LB	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7540	<b>Neural Synthesis</b>	LEC	EL	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7540	<b>Neural Synthesis</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Integrates knowledge and skills from previous and concomitant courses to solve complex clinical problems related to neuromusculoskeletal disorders under the guidance of faculty mentors. Incorporates evidence based practice for examination, evaluation, and intervention strategies for selected patients.									
HSP	RCS	PT	7650	<b>Physical Therapy Management: Physical Agents</b>	LAB	LB	3	0		N	G50		0
				ELIGIBLE GRADES: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	PT	7650	<b>Physical Therapy Management: Physical Agents</b> A-F, PR REQUISITE: PT 7110 ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7651	<b>Physical Agents in Physical Therapy</b> A-F, PR REQUISITE: PT 7110 ELIGIBLE GRADES: 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.	LEC	LE	4	0		N	G50		0
HSP	RCS	PT	7655	<b>Wound Care in Physical Therapy</b> A-F, PR REQUISITE: PT 7651 ELIGIBLE GRADES: 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7700	<b>Tissue Mechanics</b> A-F, PR REQUISITE: PT 7030 ELIGIBLE GRADES: 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.	LAB	LB	4	0		N	G50		0
HSP	RCS	PT	7700	<b>Tissue Mechanics</b> A-F, PR REQUISITE: PT 7030 ELIGIBLE GRADES: 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.	LEC	EL	4	0		N	G50		0
HSP	RCS	PT	7700	<b>Tissue Mechanics</b> A-F, PR REQUISITE: PT 7030 ELIGIBLE GRADES: 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.	LEC	LE	4	0		N	G50		0
HSP	RCS	PT	7701	<b>Tissue Mechanics: Non-contractile Tissues</b> A-F, PR REQUISITE: PT 7011 and PT 7012 ELIGIBLE GRADES: 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	7701	<b>Tissue Mechanics: Non-contractile Tissues</b> A-F, PR REQUISITE: PT 7011 and PT 7012 ELIGIBLE GRADES: 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	7702	<b>Tissue Mechanics: Contractile Tissue and Therapeutic Exercise</b> A-F, PR REQUISITE: PT 7031 and PT 7032 ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	PT	7710	<b>Orthopedics I: Upper Quarter</b> A-F, PR REQUISITE: PT 7700 ELIGIBLE GRADES: 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.	LAB	LB	3	0		N	G50		0

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HSP	RCS	<b>PT</b>	<b>7710</b>	<b>Orthopedics I: Upper Quarter</b> ELIGIBLE GRADES: 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7711</b>	<b>Foundations of Orthopedics for the Upper Quarter in Physical Therapy</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7712</b>	<b>Clinical Applications for the Upper Quarter in Physical Therapy</b> ELIGIBLE GRADES: A-F, 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	LEC	LE	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7720</b>	<b>Orthopedics II: Lower Quarter</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7720</b>	<b>Orthopedics II: Lower Quarter</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7721</b>	<b>Foundations of Orthopedics for the Lower Quarter</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7722</b>	<b>Clinical Applications for the Lower Quarter</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7730</b>	<b>Orthopedics III: Spine</b> ELIGIBLE GRADES: A-F, 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.	LAB	LB	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7730</b>	<b>Orthopedics III: Spine</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	3	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7731</b>	<b>Foundations of Orthopedics for the Spine</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: This course focuses on the physical therapy evaluation and treatment of spinal conditions (SIJ, lumbar, thoracic, and cervical) as well as TMJ dysfunction from an evidence-based perspective. Conservative approaches, surgical, and non-traditional approaches to spinal assessment and care will be discussed.	LEC	LE	2	0		N	G50		0
HSP	RCS	<b>PT</b>	<b>7732</b>	<b>Clinical Applications for the Spine</b> ELIGIBLE GRADES: A-F, 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 spinal pain (SIJ, lumbar, thoracic, and cervical) or TMJ dysfunction. Critical thinking and differential diagnosis skills are developed in conjunction with the assessment and treatment process. Evaluation and treatment are presented in the context of the contemporary healthcare and reimbursement systems.	LEC	LE	3	0		N	G50		0

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HSP	RCS	PT	7810	<b>Service Learning in Physical Therapy</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: REQUISITE: PT 7030 and 7040 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.	LAB	LB	1 to 2	2		N	G50		0
HSP	RCS	PT	7901	<b>Critical Analysis and Presentation of Scientific Studies</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7400 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.	SEM	SE	2	0		N	G50		0
HSP	RCS	PT	7920	<b>Integrated Clinical Experience in Physical Therapy</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: REQUISITE: PT 7300 Provides students with a part-time clinical experience under the supervision of clinical faculty during which they practice skills previously learned in the classroom.	PRA	PR	1	3		N	G50		0
HSP	RCS	PT	7930	<b>Independent Study</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: Admission to the DPT program 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.	IND	IS	1 to 4	12		N	G50		0
HSP	RCS	PT	8150	<b>Physical Therapy Complex Case Synthesis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7130 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8150	<b>Physical Therapy Complex Case Synthesis</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7130 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8320	<b>Regulation and Reimbursement in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7310 or 7311 Focuses on reimbursement of physical therapy services and federal and state regulations within the healthcare setting.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8320	<b>Regulation and Reimbursement in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7310 or 7311 Focuses on reimbursement of physical therapy services and federal and state regulations within the healthcare setting.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8330	<b>Planning and Implementing a Physical Therapy Service</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7310 or 7311 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8330	<b>Planning and Implementing a Physical Therapy Service</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 7310 or 7311 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8340	<b>Management, Leadership, and Ethical and Legal Practice in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 8330 Topics include management styles, negotiation, licensing of health professionals, the state practice act, the American Physical Therapy Association (APTA), the Federation of State Boards of Physical Therapy (FSBPT), leadership definition and experiential learning in professional leadership, and analysis of conetemporary issues in physical therapy practice. Ethical practice, including the Code of Ethics for Physical Therapists, and an ethical decision-making model will also be discussed.	LEC	LE	5	0		N	G50		0
HSP	RCS	PT	8341	<b>Synthesis of Professional Development in Physical Therapy</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: REQUISITE: PT 8330 This course is designed to engage students at the culmination of their professional development as a student physical therapist. This course covers current select professional, legal, and ethical issues in physical therapy practice. Students will reflect and discuss their various professional and service-learning experiences throughout the physical therapy curriculum and the impact of these on their own professional development. Additionally, career planning and lifelong professional planning are approached through the completion of their professional portfolio.	LEC	LE	2	0		N	G50		0

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HSP	RCS	PT	8410	<b>Physical Therapy Management of Pediatric Disorders</b>	LAB	LB	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.									
HSP	RCS	PT	8410	<b>Physical Therapy Management of Pediatric Disorders</b>	LEC	EL	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.									
HSP	RCS	PT	8410	<b>Physical Therapy Management of Pediatric Disorders</b>	LEC	LE	4	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students acquire knowledge in the assessment and management of children with selected neuromuscular and musculoskeletal problems that arise in infancy and childhood. Designed to provide student physical therapists with a variety of learning experiences emphasizing clinical knowledge and skills that underlie effective provision of professional services for infants, children, and adolescents.									
HSP	RCS	PT	8411	<b>Foundations of Pediatric Physical Therapy</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: This course will cover risk factors associated with the management of children with select neuromuscular and musculoskeletal disorders that arise in the prenatal, perinatal, and postnatal development of the infant and child. Topics include physical therapy examination, diagnosis, prognosis, and the theoretical foundations for interventions with the pediatric client.									
HSP	RCS	PT	8412	<b>Clinical Applications for Pediatric Physical Therapy</b>	LEC	LE	3	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: This course will present practical knowledge and experience in the evaluation and intervention of pediatric patients/clients with select neuromuscular and musculoskeletal disorders. Students will have the opportunity to implement commonly used assessment tools and to develop handling skills for the pediatric patient/client.									
HSP	RCS	PT	8500	<b>Health Promotion and Wellness</b>	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students will learn to motivate clients to participate in prevention and wellness efforts throughout the aging process and to differentiate this approach from traditional physical therapy practice. The development, implementation, and assessment of health promotion and wellness programs will be discussed.									
HSP	RCS	PT	8500	<b>Health Promotion and Wellness</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Students will learn to motivate clients to participate in prevention and wellness efforts throughout the aging process and to differentiate this approach from traditional physical therapy practice. The development, implementation, and assessment of health promotion and wellness programs will be discussed.									
HSP	RCS	PT	8510	<b>Rehabilitation Management: Functional Support Mechanisms</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR COURSE DESC: Methods to maximize function will be discussed including orthotic support for upper extremity, lower extremity and trunk, prosthetic devices and pre-prosthetic care, assistive technology, durable medical equipment, wheelchair prescription, and home evaluation and modification for adults and children.									
HSP	RCS	PT	8610	<b>Physical Therapy Advanced Evaluation and Treatment in Low Back Pain</b>	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR 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	8610	<b>Physical Therapy Advanced Evaluation and Treatment in Low Back Pain</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR 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.									



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HSP	RCS	PT	8620	<b>Evaluation and Treatment of the Temporomandibular Joint</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR 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.	LAB	LB	2	0		N	G50		0
HSP	RCS	PT	8620	<b>Evaluation and Treatment of the Temporomandibular Joint</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8620	<b>Evaluation and Treatment of the Temporomandibular Joint</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8630	<b>Biomechanical Foot Evaluation and Treatment in Physical Therapy</b> A-F, PR REQUISITE: PT 7720 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7720 COURSE DESC: Reviews the biomechanical evaluation of the foot and ankle as well as the prescription of foot orthotics to treat various gait dysfunctions.	LAB	LB	2	0		N	G50		0
HSP	RCS	PT	8630	<b>Biomechanical Foot Evaluation and Treatment in Physical Therapy</b> A-F, PR REQUISITE: PT 7720 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7720 COURSE DESC: Reviews the biomechanical evaluation of the foot and ankle as well as the prescription of foot orthotics to treat various gait dysfunctions.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8650	<b>Sports Physical Therapy</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LAB	LB	2	0		N	G50		0
HSP	RCS	PT	8650	<b>Sports Physical Therapy</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8650	<b>Sports Physical Therapy</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8660	<b>Physical Therapy Management of Women's Health</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LAB	LB	2	0		N	G50		0
HSP	RCS	PT	8660	<b>Physical Therapy Management of Women's Health</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LEC	EL	2	0		N	G50		0
HSP	RCS	PT	8660	<b>Physical Therapy Management of Women's Health</b> A-F, PR REQUISITE: PT 7730 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730 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.	LEC	LE	2	0		N	G50		0
HSP	RCS	PT	8740	<b>Physical Therapy Seminar</b> A-F, PR REQUISITE: PT 7540 and 8760 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7540 and 8760 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.	SEM	EL	2	0		N	G50		0
HSP	RCS	PT	8740	<b>Physical Therapy Seminar</b> A-F, PR REQUISITE: PT 7540 and 8760 ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7540 and 8760 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.	SEM	SE	2	0		N	G50		0

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HSP	RCS	PT	8760	<b>Manual Therapy I</b>	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730									
				COURSE DESC: Various theories of manual therapy relative to extremity diagnoses are presented. Focuses on the treatment efficacy of each theory as it relates to physical therapy practice.									
HSP	RCS	PT	8760	<b>Manual Therapy I</b>	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730									
				COURSE DESC: Various theories of manual therapy relative to extremity diagnoses are presented. Focuses on the treatment efficacy of each theory as it relates to physical therapy practice.									
HSP	RCS	PT	8760	<b>Manual Therapy I</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730									
				COURSE DESC: Various theories of manual therapy relative to extremity diagnoses are presented. Focuses on the treatment efficacy of each theory as it relates to physical therapy practice.									
HSP	RCS	PT	8770	<b>Manual Therapy II</b>	LAB	LB	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 8760 or 773									
				COURSE DESC: Various theories of manual therapy relative to spinal conditions are presented. Focuses on treatment efficacy relative to physical therapy practice.									
HSP	RCS	PT	8770	<b>Manual Therapy II</b>	LEC	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 8760 or 773									
				COURSE DESC: Various theories of manual therapy relative to spinal conditions are presented. Focuses on treatment efficacy relative to physical therapy practice.									
HSP	RCS	PT	8770	<b>Manual Therapy II</b>	LEC	LE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 8760 or 773									
				COURSE DESC: Various theories of manual therapy relative to spinal conditions are presented. Focuses on treatment efficacy relative to physical therapy practice.									
HSP	RCS	PT	8900	<b>Special Topics in Physical Therapy</b>	LEC	EL	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	8900	<b>Special Topics in Physical Therapy</b>	LEC	LE	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE:									
				COURSE DESC: Specific course content will vary with offering.									
HSP	RCS	PT	8901	<b>Clinical Workshops in Physical Therapy</b>	LEC	EL	1 to 3	3		I	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Permission required									
				COURSE DESC: Various topics in physical therapy will be examined.									
HSP	RCS	PT	8901	<b>Clinical Workshops in Physical Therapy</b>	LEC	LE	1 to 3	3		I	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: Permission required									
				COURSE DESC: Various topics in physical therapy will be examined.									
HSP	RCS	PT	8902	<b>Advanced Neuroscience Seminar</b>	SEM	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7540									
				COURSE DESC: Explores topics in neuroscience, particularly new scientific discoveries that can be important to management in physical therapy.									
HSP	RCS	PT	8902	<b>Advanced Neuroscience Seminar</b>	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7540									
				COURSE DESC: Explores topics in neuroscience, particularly new scientific discoveries that can be important to management in physical therapy.									
HSP	RCS	PT	8903	<b>Advanced Pediatrics for Physical Therapists</b>	SEM	EL	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 8410									
				COURSE DESC: Provides additional knowledge and skills in selected areas of pediatric physical therapy.									
HSP	RCS	PT	8903	<b>Advanced Pediatrics for Physical Therapists</b>	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 8410									
				COURSE DESC: Provides additional knowledge and skills in selected areas of pediatric physical therapy.									
HSP	RCS	PT	8904	<b>Orthopedics in Physical Therapy: Seminar</b>	SEM	SE	2	0		N	G50		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: PT 7730									
				COURSE DESC: Continues the student's theoretical knowledge of orthopedic physical therapy through critical review of current literature.									
HSP	RCS	PT	8905	<b>Interdisciplinary Seminar in Patient Care</b>	SEM	SE	2	0		I	G50		0
				ELIGIBLE GRADES: A-F REQUISITE: Permission required									
				COURSE DESC: Emphasizes patient case scenarios and the role that various professionals play in the health care of the simulated patient. The professions may include, but is not limited to the following: nursing, physical therapy, occupational therapy, speech language pathologists, audiologists, dieticians, health care administrators, exercise physiologists, family studies, and athletic trainers.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RCS	<b>PT</b>	<b>8920</b>	<b>Clinical Practicum I</b>	PRA	PR	5	10		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		PT 7920						
		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	<b>PT</b>	<b>8921</b>	<b>Clinical Practicum II</b>	PRA	PR	10	20		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		PT 8920						
		COURSE DESC:		Provides students with a supervised clinical experience at a selected acute care, outpatient orthopedic or neurologic rehabilitation clinical site different from previously used. Students will develop intermediate-level clinical skills in the assessment and management of patients with more complex conditions. Patients with integumentary or cardiopulmonary disorders may also be encountered.									
HSP	RCS	<b>PT</b>	<b>8922</b>	<b>Clinical Practicum III</b>	PRA	PR	6	0		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		PT 8921						
		COURSE DESC:		Provides students with a supervised experience at a selected acute care, outpatient orthopedic, neurological rehabilitation, or pediatric clinical site. Students are given the opportunity to develop more advanced clinical skills in assessment and management of patients with conditions related to the area of practice under the direct supervision of clinical faculty.									
HSP	RCS	<b>PT</b>	<b>8923</b>	<b>Clinical Practicum IV</b>	PRA	PR	6	0		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		PT 8921						
		COURSE DESC:		Provides students with a supervised period of study at a selected clinical site emphasizing complex patient problems. Students are given the opportunity to develop advanced clinical skills in assessment, decision-making, and management of patients under the direct supervision of clinical faculty.									
HSP	RCS	<b>PT</b>	<b>8940</b>	<b>Research/Capstone</b>	RSC	RS	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:		PT 7400						
		COURSE DESC:		The student has a mentoring relationship with a faculty member concerning the student's chosen research topic.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>2700</b>	<b>Intimate and Family Relationships</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>Aging and Family Relations in Modern Society</b>	LEC	EL	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>2720</b>	<b>Aging and Family Relations in Modern Society</b>	LEC	LE	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>CFS</b>	<b>2900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, 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>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		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>	PRA	PR	3	0		N	U30		75
		ELIGIBLE GRADES:		A-F									
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>	PRA	PR	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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>3601</b>	<b>Human Sexualities</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>3601</b>	<b>Human Sexualities</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3800</b>	<b>Death, Dying and Bereavement</b>	LEC	LE	3	0		N	U30		75
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4590</b>	<b>Child and Family Studies Course in International Service</b>	TUT	TU	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>4600</b>	<b>Children, Families, and Diversity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CFS 3920 and Sr						
		COURSE DESC:		This is the child and family studies capstone course in the assessment of children, individuals, couples and families, and the acquisition of helping skills needed to facilitate these processes; all necessary in preparing students for their final internship experience. It is designed to help students acquire practical helping skills, techniques, and theoretical foundations that define and support assessment and effective helping relationships for human services professionals working in a wide range of settings. Highly experiential in nature and includes multiple opportunities for practice, demonstration, and discussion of methods and techniques drawn from the text, lectures, and supplemental materials. It also includes an introduction to group process. Specific emphasis is placed on integrating previous and concurrent course content and experiences, and bringing an enhanced level of skill to the helping relationship. Additional considerations include an emphasis on a student's personal beliefs, values, and spirituality and their impact on the helping process and developing an awareness of multicultural issues and other significant topics that impact the helping relationship, such as ethics, gender, race, religion, disability, ageism, and sexual orientation.									
HSP	SPH	<b>CFS</b>	<b>4610</b>	<b>Dynamics in Parent-Child Relations</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	<b>CFS</b>	<b>4610</b>	<b>Dynamics in Parent-Child Relations</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	<b>CFS</b>	<b>4630</b>	<b>Transitions in Development: Middle Childhood</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>4630</b>	<b>Transitions in Development: Middle Childhood</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	<b>CFS</b>	<b>4640</b>	<b>Children, Families, and Poverty</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	<b>CFS</b>	<b>4640</b>	<b>Children, Families, and Poverty</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	<b>CFS</b>	<b>4650</b>	<b>Transitions in Development: Adolescence</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Explores the developmental tasks and life experiences of children ages 10 through 21 and the contexts in which this development occurs, including families, peer groups, schools, neighborhoods, and work and leisure settings. Theories and research relevant to adolescence will be reviewed; the implications of these theories and research for working with adolescents will be considered.									
HSP	SPH	<b>CFS</b>	<b>4660</b>	<b>Transitions in Development: Middle and Later Life</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		Focuses on older persons in the context of family life. Students will examine the following topics as they relate to aging and families: historical perspectives, demographic trends, theoretical frameworks, research methods, intimate relationships, intergenerational relationships, and life course transitions. Particular attention will be given to the multiple contexts affecting and being affected by families in middle to later life. Students also will have the opportunity to participate in a service-learning project that complements the course content and allows for reflection on personal development as it relates to the concepts learned in class.									
HSP	SPH	<b>CFS</b>	<b>4670</b>	<b>Children, Families, Stress and Trauma</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	<b>CFS</b>	<b>4670</b>	<b>Children, Families, Stress and Trauma</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	<b>CFS</b>	<b>4710</b>	<b>Family Life Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710) and (Jr or Sr)						
		COURSE DESC:		An introduction in the content and methodology of family life education. It explores the historical roots, philosophy, and objectives of family life education and examines current trends and challenges that face professional family life educators. Intended to help you develop the knowledge and practical skills that are required to identify needs, design programs, teach family life education, effectively facilitate groups, and evaluate participants and programs in a wide variety of settings with a broad range of populations. Emphasizes each of the ten content areas of family life education.									
HSP	SPH	<b>CFS</b>	<b>4760</b>	<b>Children and Families in Health Care Settings</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr)						
		COURSE DESC:		Students will acquire skills in helping children and families cope with the stress of a health care experience, in hospitals and other medical settings. In addition, analysis of stress, coping theories and reactions will be examined, as well as exploration of developmental and psychosocial care of hospitalized children and their families.									
HSP	SPH	<b>CFS</b>	<b>4770</b>	<b>Professional Practices in Child Life</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr)						
		COURSE DESC:		Students will learn clinical and professional practices required to work in the field of Child Life including, but not limited to: assessment, coping techniques, distraction, education/teaching tools, developmental play, medical play, documentation, therapeutic activities, and assessment tools utilized within the scope of child life.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>4900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		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>4900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	15	0		I	U30		0
		ELIGIBLE GRADES:		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>	PRA	PR	5	0		I	U30		0
		ELIGIBLE GRADES:		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	EL	2 to 5	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:		Permission required					
		COURSE DESC:		Independent study under direction of faculty member in area of specialization.									
HSP	SPH	<b>CFS</b>	<b>4930</b>	<b>Independent Study in Child and Family Studies</b>	IND	IS	2 to 5	10		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	SEM	EL	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		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>4950H</b>	<b>Honors Seminar in Child and Family Studies</b>	SEM	SE	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		CR, PR, F		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>	TUT	TU	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	TUT	TU	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	LEC	LE	2 to 5	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		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>	TUT	TU	3	0		I	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5600</b>	<b>Children, Families, and Diversity</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>5601</b>	<b>Human Sexualities</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									
HSP	SPH	<b>CFS</b>	<b>5601</b>	<b>Human Sexualities</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction that explores human sexualities with a focus on the ability to form relationships that are integrative, creative, and recreative. There is also an emphasis on realizing personal potential within the context of life patterns, based on scientific research. Approaches human sexualities from a developmental perspective and considers historical, biological, physiological, social, cultural, and familial factors that impact human sexual development, values, beliefs, and behaviors. There is a strong emphasis on the socio-cultural construction of sexualities and the ways in which gender scripts, sexism, and heterosexism impact individual development and functioning. Relationship, sexuality, and spirituality are deeply intertwined, which is why the course considers these elements in addition to the biological and physiological aspects of sexualities.									
HSP	SPH	<b>CFS</b>	<b>5602</b>	<b>Professional Assessment and Helping Skills</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CFS major						
		COURSE DESC:		This is the child and family studies capstone course in the assessment of children, individuals, couples and families, and the acquisition of helping skills needed to facilitate these processes; all necessary in preparing students for their final internship experience. It is designed to help students acquire practical helping skills, techniques, and theoretical foundations that define and support assessment and effective helping relationships for human services professionals working in a wide range of settings. Highly experiential in nature and includes multiple opportunities for practice, demonstration, and discussion of methods and techniques drawn from the text, lectures, and supplemental materials. It also includes an introduction to group process. Specific emphasis is placed on integrating previous and concurrent course content and experiences, and bringing an enhanced level of skill to the helping relationship. Additional considerations include an emphasis on a student's personal beliefs, values, and spirituality and their impact on the helping process and developing an awareness of multicultural issues and other significant topics that impact the helping relationship, such as ethics, gender, race, religion, disability, ageism, and sexual orientation.									
HSP	SPH	<b>CFS</b>	<b>5610</b>	<b>Dynamics in Parent-Child Relations</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	<b>CFS</b>	<b>5610</b>	<b>Dynamics in Parent-Child Relations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the nature of parenting and parent/child relations over the lifespan from a historical, theoretical, and developmental perspective. It examines attachment, practical parenting strategies, the unique challenges faced by families in today's complex society, and the behavioral, emotional, social, spiritual, and relationship factors that help parents to create positive, nurturing family environments. The dynamics of parent/child interactions are analyzed from a systemic perspective that considers the reciprocal impact of children on parents as well as the impact of parents on their children.									
HSP	SPH	<b>CFS</b>	<b>5630</b>	<b>Transitions in Development: Middle Childhood</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	<b>CFS</b>	<b>5630</b>	<b>Transitions in Development: Middle Childhood</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the developmental tasks of middle childhood years (ages 6-12) as they reflect and influence family guidance and transmission of values. It includes an examination of children's physical, cognitive, emotional, social, and spiritual growth from a biopsychosocial perspective. Developmental theories are studied within the greater context of family, environment, school, culture, ethnicity, and gender role development.									
HSP	SPH	<b>CFS</b>	<b>5640</b>	<b>Children, Families, and Poverty</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									
HSP	SPH	<b>CFS</b>	<b>5640</b>	<b>Children, Families, and Poverty</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines children, adults, and families in poverty with attention focused on the causes and consequences of poverty. Included will be an investigation of policies and programs for children, adults and families in poverty. Additionally, students are required to complete a 10- hour community service requirement at an agency/organization that primarily serves low income children, adults, and/or families.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>5650</b>	<b>Transitions in Development: Adolescence</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the developmental tasks and life experiences of children ages 10 through 21 and the contexts in which this development occurs, including families, peer groups, schools, neighborhoods, and work and leisure settings. Theories and research relevant to adolescence will be reviewed; the implications of these theories and research for working with adolescents will be considered.									
HSP	SPH	<b>CFS</b>	<b>5660</b>	<b>Transitions in Development: Middle and Later Life</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Focuses on older persons in the context of family life. Students will examine the following topics as they relate to aging and families: historical perspectives, demographic trends, theoretical frameworks, research methods, intimate relationships, intergenerational relationships, and life course transitions. Particular attention will be given to the multiple contexts affecting and being affected by families in middle to later life. Students also will have the opportunity to participate in a service-learning project that complements the course content and allows for reflection on personal development as it relates to the concepts learned in class.									
HSP	SPH	<b>CFS</b>	<b>5670</b>	<b>Children, Families, Stress and Trauma</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	<b>CFS</b>	<b>5670</b>	<b>Children, Families, Stress and Trauma</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.									
HSP	SPH	<b>CFS</b>	<b>5710</b>	<b>Family Life Education</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An introduction in the content and methodology of family life education. It explores the historical roots, philosophy, and objectives of family life education and examines current trends and challenges that face professional family life educators. Intended to help you develop the knowledge and practical skills that are required to identify needs, design programs, teach family life education, effectively facilitate groups, and evaluate participants and programs in a wide variety of settings with a broad range of populations. Emphasizes each of the ten content areas of family life education.									
HSP	SPH	<b>CFS</b>	<b>5760</b>	<b>Children and Families in Health Care Settings</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will acquire skills in helping children and families cope with the stress of a health care experience, in hospitals and other medical settings. In addition, analysis of stress, coping theories and reactions will be examined, as well as exploration of developmental and psychosocial care of hospitalized children and their families.									
HSP	SPH	<b>CFS</b>	<b>5770</b>	<b>Professional Practices in Child Life</b>	LEC	LE	3	6		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will learn clinical and professional practices required to work in the field of Child Life including, but not limited to: assessment, coping techniques, distraction, education/teaching tools, developmental play, medical play, documentation, therapeutic activities, and assessment tools utilized within the scope of child life.									
HSP	SPH	<b>CFS</b>	<b>5800</b>	<b>Death, Dying and Bereavement</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Students will explore the meaning of death, dying, and bereavement from a variety of contemporary perspectives. Class members will have the opportunity to examine both societal and professional issues relating to death, dying, and bereavement, as well as their own personal attitudes about death.									
HSP	SPH	<b>CFS</b>	<b>5810</b>	<b>Research Design and Program Evaluation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to applied research methods as used in community programs for children and families including review and application of existing research literature, conducting program needs assessments, and evaluating processes and outcomes of existing programs. Designed to provide the skills necessary to use existing research and generate new data to benefit programs.									
HSP	SPH	<b>CFS</b>	<b>5900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									
HSP	SPH	<b>CFS</b>	<b>5900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special workshops in topics related to child and family studies. These workshops will be based on current topics in child and family studies and related to the faculty research interests.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>CFS</b>	<b>5910</b>	<b>Child and Family Studies Internship</b>	FLD	FE	15	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Provides an opportunity for students to be involved in actual work experience by completing 600 hours at a field placement site that is appropriate to the CFS concentration they are completing.									
HSP	SPH	<b>CFS</b>	<b>5920</b>	<b>Child Life Practicum</b>	PRA	PR	5	0		I	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and CFS 5770						
		COURSE DESC:		Provides practical field experience in a children's hospital setting and allows for the development of professional skills necessary to secure competitive child life internships. Students will work under the direct supervision of a certified child life specialist (CCLS) and carry out assigned tasks, including observation and implementation of medical and therapeutic play, medical charting, procedural preparation, and sibling support.									
HSP	SPH	<b>CFS</b>	<b>5930</b>	<b>Independent Study in Child and Family Studies</b>	IND	EL	2 to 5	10		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Independent study, advanced level, under direction of faculty member in area of specialization.									
HSP	SPH	<b>CFS</b>	<b>5930</b>	<b>Independent Study in Child and Family Studies</b>	IND	IS	2 to 5	10		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		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>	LEC	LE	2	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Designed to prepare graduate students for their research topics and proposals. Students will give a presentation related to their graduate thesis or project. Topics, abstracts, and paper presentations will be completed under the guidance of the instructor or another faculty mentor in Child and Family Studies.									
HSP	SPH	<b>CFS</b>	<b>6280</b>	<b>Foundations and Theory in Child Life</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	CFS major						
		COURSE DESC:		Provides an overview of the child life specialist profession and its mission and principles. Each of the core competencies established by the child life council will be covered, and the foundations of administering a child life program in a health care setting will be examined. Students will analyze and understand theory in relation to family structure, family systems, life course theory, psychosocial theory, and other theories relevant in the profession of child life.									
HSP	SPH	<b>CFS</b>	<b>6400</b>	<b>Supervision in Child and Family Studies</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		The purpose is to explore the basic process of supervision. General areas to be explored include relationships, power and authority, trust, and motivation. Students are encouraged to evaluate their own supervisory style and develop a personal philosophy of supervision.									
HSP	SPH	<b>CFS</b>	<b>6400</b>	<b>Supervision in Child and Family Studies</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		The purpose is to explore the basic process of supervision. General areas to be explored include relationships, power and authority, trust, and motivation. Students are encouraged to evaluate their own supervisory style and develop a personal philosophy of supervision.									
HSP	SPH	<b>CFS</b>	<b>6700</b>	<b>Qualitative Methods for Children, Adults, and Families</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6750</b>	<b>Introduction to Principles of Family Consulting</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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HSP	SPH	<b>CFS</b>	<b>6890</b>	<b>Self, Aging, and Society</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6890</b>	<b>Self, Aging, and Society</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>CFS</b>	<b>6900</b>	<b>Special Topics in Child and Family Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>CFS</b>	<b>6901</b>	<b>Thanatology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>6901</b>	<b>Thanatology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	1 to 5	10		I	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required Independent investigation in one area of child and family studies.									
HSP	SPH	<b>CFS</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	LEC	EL	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>2000</b>	<b>Introduction to Environmental Health and Safety</b>	LEC	LE	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>EH</b>	<b>2900</b>	<b>Special Topics in Environmental Health</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>EH</b>	<b>3100</b>	<b>Air, Waters and Wastes</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EH 2000 Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.									
HSP	SPH	<b>EH</b>	<b>3100</b>	<b>Air, Waters and Wastes</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EH 2000 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	EH	3200	<b>Health and the Built Environment</b> ELIGIBLE GRADES: A-F COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.	LEC	EL	3	0		N	U30		0
HSP	SPH	EH	3200	<b>Health and the Built Environment</b> ELIGIBLE GRADES: A-F COURSE DESC: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.	LEC	LE	3	0		N	U30		0
HSP	SPH	EH	3300	<b>Food Quality and Vector Control</b> ELIGIBLE GRADES: A-F 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.	LEC	EL	3	0		N	U30		0
HSP	SPH	EH	3300	<b>Food Quality and Vector Control</b> ELIGIBLE GRADES: A-F 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.	LEC	LE	3	0		N	U30		0
HSP	SPH	EH	4000	<b>Environmental Health and Safety Risk Communication</b> ELIGIBLE GRADES: A-F COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.	LEC	EL	3	6		N	U30		0
HSP	SPH	EH	4000	<b>Environmental Health and Safety Risk Communication</b> ELIGIBLE GRADES: A-F COURSE DESC: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.	LEC	LE	3	6		N	U30		0
HSP	SPH	EH	4400	<b>Occupational Safety and Health</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.	LEC	EL	3	0		N	U30		0
HSP	SPH	EH	4400	<b>Occupational Safety and Health</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.	LEC	LE	3	0		N	U30		0
HSP	SPH	EH	4710	<b>Environmental Risks and Society Benefits</b> ELIGIBLE GRADES: A-F COURSE DESC: Reviews the historical record of the creation and use of potentially hazardous chemicals emphasizing drugs; legal or otherwise through the present day. By examination of chemical accidents or questionable drug approval decisions, in light of society needs and desires, students will appreciate chemical risks versus chemical benefits. Many infamous major chemical incidents such as Bhopal, Three Mile Island, and the Exxon Valdez spill will be covered in detail, as will current drug issues such as fluorinated drinking water supplies, Viagra, and the Plan B pill. Perspectives from the media, business, and government will be covered to enable students to critically evaluate risks and benefits, and develop a realistic understanding of the democratic chemical approval process.	LEC	LE	3	0	3	N	U30		50
HSP	SPH	EH	4900	<b>Special Topics - Environmental Health</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.	SEM	EL	3	0		N	U30		0
HSP	SPH	EH	4900	<b>Special Topics - Environmental Health</b> ELIGIBLE GRADES: A-F COURSE DESC: Provides a forum for students interested in environmental health, safety, and industrial hygiene to express their views on current topics in the profession. Instructors will facilitate reviews of current research, emerging interest areas, graduate education, the job market, and other topics.	SEM	SE	3	0		N	U30		0
HSP	SPH	EH	4920	<b>Environmental Health Practicum</b> ELIGIBLE GRADES: A-F, 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.	PRA	PR	1 to 9	9		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>EH</b>	<b>4930</b>	<b>Independent Study</b>	IND	EL	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and EH major Assignments and content will vary with each individual student.									
HSP	SPH	<b>EH</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required and EH major Assignments and content will vary with each individual student.									
HSP	SPH	<b>EH</b>	<b>5000</b>	<b>Environmental Health and Safety Risk Communication</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.									
HSP	SPH	<b>EH</b>	<b>5000</b>	<b>Environmental Health and Safety Risk Communication</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Hands on application of principles in communicating environmental health and safety risks to the public. Students will work on current environmental health and safety issues to develop and implement risk communication plans.									
HSP	SPH	<b>EH</b>	<b>5100</b>	<b>Air, Waters and Wastes</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.									
HSP	SPH	<b>EH</b>	<b>5100</b>	<b>Air, Waters and Wastes</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Covers air and waters (potable, sewerage, surface, etc.) pollution. Problems in and solutions to the storage, collection, and disposal of hazardous and nonhazardous wastes with special emphasis on life cycle analysis and risk assessment.									
HSP	SPH	<b>EH</b>	<b>5200</b>	<b>Health and the Built Environment</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.									
HSP	SPH	<b>EH</b>	<b>5200</b>	<b>Health and the Built Environment</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Physiological and psychological aspects of the impact of the built environment on health. Emphasis on housing and building standards, neighborhood design, health disparities, and sustainability. Highlights health outcomes associated with institutional settings such as prisons, hospitals, and schools.									
HSP	SPH	<b>EH</b>	<b>5300</b>	<b>Food Quality and Vector Control</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>5300</b>	<b>Food Quality and Vector Control</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									
HSP	SPH	<b>EH</b>	<b>5400</b>	<b>Occupational Safety and Health</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Provides knowledge and understanding of processes involved in the development and implementation of environmental health and safety programs. Focus on design, implementation, maintenance, and evaluation of workplace safety programs, with emphasis on inspection programs, planning, administration, and communication. Extensive coverage of OSHA regulations and OSHA 30- and 40-hour safety training.									
HSP	SPH	<b>EH</b>	<b>5900</b>	<b>Special Topics in Environmental Health</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>EH</b>	<b>5900</b>	<b>Special Topics in Environmental Health</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>EH</b>	<b>6010</b>	<b>Climate Change and Public Health</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	SEM	EL	3	6		N	G40		0
		ELIGIBLE GRADES:		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>6900</b>	<b>Special Topics - Environmental Health</b>	SEM	SE	3	6		N	G40		0
		ELIGIBLE GRADES:		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	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required Assignments and content will vary with each individual student.									
HSP	SPH	<b>EH</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Permission required Assignments and content will vary with each individual student.									
HSP	SPH	<b>HLTH</b>	<b>2000</b>	<b>Introduction to Public Health</b>	LEC	EL	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fr or Soph Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.									
HSP	SPH	<b>HLTH</b>	<b>2000</b>	<b>Introduction to Public Health</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fr or Soph Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.									
HSP	SPH	<b>HLTH</b>	<b>2020</b>	<b>Introduction to Health and Lifestyle Choices</b>	LEC	LE	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Fr or Soph Provides an overview of health-related topics that are relevant to college-aged students (e.g. safer sex, nutrition, physical activity). Students have the opportunity to critically assess their current health behaviors in an effort to make positive health decisions.									
HSP	SPH	<b>HLTH</b>	<b>2030</b>	<b>Foundations in Health Education</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 2000 Examines both theory and practice, including terminology, theoretical models, health issues, health organizations, employment opportunities, historical contributions, ethics, and relationship to other health professionals.									
HSP	SPH	<b>HLTH</b>	<b>2040</b>	<b>Alcohol, Tobacco, and Other Drugs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the signs and symptoms, methods of transmission, treatment, and prevention of HIV and sexually transmitted infections (STIs). Emphasis on education as a means to reduce the risks of infection.									
HSP	SPH	<b>HLTH</b>	<b>2050</b>	<b>Preventing HIV and STIs</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the signs and symptoms, methods of transmission, treatment, and prevention of HIV and sexually transmitted infections (STIs). Emphasis on education as a means to reduce the risks of infection.									

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HSP	SPH	<b>HLTH</b>	<b>2100</b>	<b>Women and Health</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2000						
		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>2250</b>	<b>Long-Term Care Administration I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>2300</b>	<b>Medical Terminology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>2900</b>	<b>Special Topics in Health</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>2901</b>	<b>Health Aspects of Aging</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.									
HSP	SPH	<b>HLTH</b>	<b>2970T</b>	<b>Public Health Tutorial</b>	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>HLTH</b>	<b>2971T</b>	<b>Public Health Tutorial</b>	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3160</b>	<b>Human Resources Management in Health Care</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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 II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2250						
		COURSE DESC:		Presents managerial ideologies important to manager of long-term care facilities. Fully develops role of administrator in planning, organizing, directing, controlling, and staffing for specific services of long-term care facilities within holistic framework for client care. Studies professional relationships and coordinating function of manager. Includes contributions of rehabilitation and recreation services to long-term care.									
HSP	SPH	<b>HLTH</b>	<b>3300</b>	<b>Community Health Epidemiology</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3300</b>	<b>Community Health Epidemiology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2170						
		COURSE DESC:		Focuses on the understanding, skill, and ethical issues important to the management, organization, skill, 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2170						
		COURSE DESC:		Identifies and discusses the major contemporary issues impacting health care organizations and systems. Provides exercises in the application of management skills and knowledge necessary to confront and address these problems and issues.									
HSP	SPH	<b>HLTH</b>	<b>3400J</b>	<b>Grant Writing for Public Health Sciences</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		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.									



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HSP	SPH	<b>HLTH</b>	<b>3450</b>	<b>School Health</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>3930</b>	<b>Independent Study</b>	IND	IS	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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	IS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>Long-Term Care Administration III</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 3250						
		COURSE DESC:		Addresses administrative processes in long-term care management. Orients student to modern information systems and use of data in managing decision action and record keeping. Presents content on building effective public relations, managing volunteer programs, and in supporting client governance. Prepares student to sit for licensure exams.									
HSP	SPH	<b>HLTH</b>	<b>4060</b>	<b>Alternatives to Traditional Long-Term Care</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2170						
		COURSE DESC:		Exposes the student to information related to alternative forms of delivery for long-term care services for seniors. Emphasis on assisted living operations and regulations.									
HSP	SPH	<b>HLTH</b>	<b>4070</b>	<b>Interprofessional Gerontology</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	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.									
HSP	SPH	<b>HLTH</b>	<b>4100</b>	<b>Program Planning and Implementation in Community Health</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 2000 and 3300						
		COURSE DESC:		Addresses program planning and implementation of health programs. Focus is on how to conduct a health needs assessment in order to inform program planning and implementation.									
HSP	SPH	<b>HLTH</b>	<b>4120</b>	<b>Global Health Programming</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HLTH 4100 and Sr						
		COURSE DESC:		Focuses on evaluation methodology for health programs. Addresses various evaluation frameworks that are used in health programming as well as comprehensive evaluation plans for health programs.									
HSP	SPH	<b>HLTH</b>	<b>4210</b>	<b>Health Care Finance I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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HSP	SPH	<b>HLTH</b>	<b>4210</b>	<b>Health Care Finance I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1010 and HLTH 3350 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ACCT 1020 and HLTH 4210 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 2000 and 4100 and (Jr or Sr) 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 3400 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 3400 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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 3400 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>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 4220 and 4375 and 4445 and 4585 and Sr Focuses upon the application of administrative skills and concepts in health care services and programs. Provides the students with as much independence as possible in terms of going beyond the classroom environment to investigate, address, and solve "real" organizational problems and issues. Provides the student with an opportunity to demonstrate competency by applying the concepts, theories, and knowledge gained from the health services administration program.									
HSP	SPH	<b>HLTH</b>	<b>4800</b>	<b>Applied Service Learning in Rural Community Health</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HLTH 3400J and 4200 and Sr Exposes students to rural community health issues. Students will be involved in planning, implementing, and evaluating health programs in the Athens community. The focus will be on working with rural, Appalachian populations.									
HSP	SPH	<b>HLTH</b>	<b>4900</b>	<b>Special Topics in Health</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>4900</b>	<b>Special Topics in Health</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>4910</b>	<b>Internship in Health Services Administration</b>	FLD	FE	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission Required and Sr 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>	FLD	FE	6	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HLTH 3300 and 4100 and 4200 and Sr Participation in activities of official or voluntary public health agency. Supervision of experience to be done by agency personnel and University faculty.									
HSP	SPH	<b>HLTH</b>	<b>4912</b>	<b>Community Health Field Experience</b>	FLD	FE	1 to 5	5		I	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and HLTH 2000 and (Jr or Sr) Observation and participation in activities of community health agency, medical facility, or program.									

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HSP	SPH	<b>HLTH</b>	<b>4914</b>	<b>Internship in Long-Term Health Care Administration</b>	FLD	FE	8	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Provides an administrative/programmatic experience where students complete supervised projects, plans, and other administrative tasks under the joint supervision of a long-term health care facility administrator and University faculty member. The internship is a 600 hour experience, providing students with optimal time and experience to integrate information learned throughout the student's academic experience.									
HSP	SPH	<b>HLTH</b>	<b>4920</b>	<b>Practicum in Long-Term Health Care Administration</b>	PRA	PR	6	0		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required and (Jr or Sr)						
		COURSE DESC:		Provides practical field experience in the operational skills necessary to manage a long-term health care organization. Students work under the direct supervision of long-term health care managers and carry out assigned tasks, which may include the direct provision of care, development programs, maintenance of systems, and management of data.									
HSP	SPH	<b>HLTH</b>	<b>4930</b>	<b>Independent Study</b>	IND	IS	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Allows for independent study of public health sciences topics of interest to students. Students work closely with a faculty member within the Department of Social and Public Health.									
HSP	SPH	<b>HLTH</b>	<b>4970T</b>	<b>Public Health Tutorial</b>	IND	IS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	RSC	RS	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5300</b>	<b>Health Issues: U.S. Underserved Populations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		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>5900</b>	<b>Special Topics in Health</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>5900</b>	<b>Special Topics in Health</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>HLTH</b>	<b>6010</b>	<b>Introduction to the U.S. Health Care Delivery System</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the U.S. health services system, including a detailed examination of how the system is organized, internal and external forces on the system, how services are delivered, and the mechanisms by which health care services are financed.									
HSP	SPH	<b>HLTH</b>	<b>6010</b>	<b>Introduction to the U.S. Health Care Delivery System</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the U.S. health services system, including a detailed examination of how the system is organized, internal and external forces on the system, how services are delivered, and the mechanisms by which health care services are financed.									
HSP	SPH	<b>HLTH</b>	<b>6020</b>	<b>Information Systems for Health Services</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the technology, planning, and leadership issues associated with health care information systems, including the challenges of implementing information systems for health care organizations and delivery systems.									

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HSP	SPH	<b>HLTH</b>	<b>6020</b>	<b>Information Systems for Health Services</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview and analysis of the technology, planning, and leadership issues associated with health care information systems, including the challenges of implementing information systems for health care organizations and delivery systems.									
HSP	SPH	<b>HLTH</b>	<b>6030</b>	<b>Leadership of Health Organizations</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Structure, organization, and function of health care delivery organizations and systems with emphasis on leadership concepts and issues such as control, change management, communication, and decision making.									
HSP	SPH	<b>HLTH</b>	<b>6030</b>	<b>Leadership of Health Organizations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Structure, organization, and function of health care delivery organizations and systems with emphasis on leadership concepts and issues such as control, change management, communication, and decision making.									
HSP	SPH	<b>HLTH</b>	<b>6040</b>	<b>Research and Quantitative Methods for Health Services</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Research methods and investigation in health and health care systems. Topics and problems focus on the application of quantitative methods by health care leaders in maximizing efficiency and effectiveness.									
HSP	SPH	<b>HLTH</b>	<b>6040</b>	<b>Research and Quantitative Methods for Health Services</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Research methods and investigation in health and health care systems. Topics and problems focus on the application of quantitative methods by health care leaders in maximizing efficiency and effectiveness.									
HSP	SPH	<b>HLTH</b>	<b>6060</b>	<b>Gerontechnology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An analysis of the health and environmental problems confronting an aging society and ways in which technology can be harnessed to address them. Topics and problems focus on existing technologies and their applicability for use by and for the elderly, and the identification of new technologies to enhance elderly independence both in the community and in healthcare settings.									
HSP	SPH	<b>HLTH</b>	<b>6060</b>	<b>Gerontechnology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		An analysis of the health and environmental problems confronting an aging society and ways in which technology can be harnessed to address them. Topics and problems focus on existing technologies and their applicability for use by and for the elderly, and the identification of new technologies to enhance elderly independence both in the community and in healthcare settings.									
HSP	SPH	<b>HLTH</b>	<b>6070</b>	<b>Health Promotion and Health Behavior</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Theory and application of health promotion/education planning, implementation, and evaluation by health professions in a variety of settings. Emphasis on research related to determinants of health behavior, plus strategies and techniques used by professionals to foster human health.									
HSP	SPH	<b>HLTH</b>	<b>6080</b>	<b>Health Policy</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Impact of health care public policy; including the health administrator's role in policy analysis, development, interpretation, and implementation.									
HSP	SPH	<b>HLTH</b>	<b>6080</b>	<b>Health Policy</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Impact of health care public policy; including the health administrator's role in policy analysis, development, interpretation, and implementation.									
HSP	SPH	<b>HLTH</b>	<b>6100</b>	<b>Evaluation and Quality Improvement in Health Care</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.									
HSP	SPH	<b>HLTH</b>	<b>6100</b>	<b>Evaluation and Quality Improvement in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>HLTH</b>	<b>6130</b>	<b>Ageing and Health</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>Public Health Services in Underserved Rural Populations</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Issues related to and types of public health services in rural populations and the implications to people's health. Discussion focuses on public health services and medical care services, health needs/concerns, and health care service disparities in rural and underserved populations. Other issues include collaboration in public health services, planning public health services, and community-based research in rural populations.									
HSP	SPH	<b>HLTH</b>	<b>6140</b>	<b>Public Health Services in Underserved Rural Populations</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Issues related to and types of public health services in rural populations and the implications to people's health. Discussion focuses on public health services and medical care services, health needs/concerns, and health care service disparities in rural and underserved populations. Other issues include collaboration in public health services, planning public health services, and community-based research in rural populations.									
HSP	SPH	<b>HLTH</b>	<b>6150</b>	<b>Maternal and Child Health in Africa</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6150</b>	<b>Maternal and Child Health in Africa</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6170</b>	<b>HIV/AIDS in Africa</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6210</b>	<b>Health Care Finance</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6220</b>	<b>Health Care Reimbursement</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Institutional framework and activities of various agencies promoting and maintaining health of people of community, state, and nation.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>HLTH</b>	<b>6280</b>	<b>Health Law</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6280</b>	<b>Health Law</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6300</b>	<b>Epidemiology in Health Administration</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6350</b>	<b>Human Resources Leadership in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Processes involved in health care organization strategic planning and marketing, exploring community and health care needs assessment, strategic marketing design, business scenarios, decision analysis, feasibility studies, implementation strategies, and evaluation methods.									
HSP	SPH	<b>HLTH</b>	<b>6380</b>	<b>Strategic Planning and Marketing in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Processes involved in health care organization strategic planning and marketing, exploring community and health care needs assessment, strategic marketing design, business scenarios, decision analysis, feasibility studies, implementation strategies, and evaluation methods.									
HSP	SPH	<b>HLTH</b>	<b>6480</b>	<b>Ethical Issues in Health Care</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6480</b>	<b>Ethical Issues in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6530</b>	<b>Managed Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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>6600</b>	<b>Management Applications in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integration of MHA program learning with the problems of the practice environment by focus on a specific health care organizational project.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	HLTH	6710	<b>Public Health Concepts</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Definitions of public health, organizational structure, history, law, ethics, essential services, global programs, and future public health. Unifying theme is health disparities of population groups.									
HSP	SPH	HLTH	6720	<b>Social and Behavioral Sciences in Public Health</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Social and behavioral science concepts, diversity issues, theories of health education and promotion, applications to public health issues, and interventions in reference to communication, collaboration, and strategies.									
HSP	SPH	HLTH	6720	<b>Social and Behavioral Sciences in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Social and behavioral science concepts, diversity issues, theories of health education and promotion, applications to public health issues, and interventions in reference to communication, collaboration, and strategies.									
HSP	SPH	HLTH	6730	<b>Epidemiology in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Covers the fundamental epidemiological concepts, methods, and their practical applications. Health/disease status measurements, the principles of causality, and epidemiological study designs will be studied. Evaluation of risk factors and the effectiveness of interventions targeting them will be discussed.									
HSP	SPH	HLTH	6740	<b>Biostatistics in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Principles of biostatistics in the context of multiple public health applications including basic and advanced statistical techniques for analyzing and investigating public health issues including disparities.									
HSP	SPH	HLTH	6750	<b>Health Services Administration in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Management and administration concepts as they apply to public health entities or settings/systems that use a public health perspective in service delivery.									
HSP	SPH	HLTH	6760	<b>Environmental Health Sciences in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: MPH Major									
				COURSE DESC: Air/water quality, food hygiene, sanitation municipal/infectious/hazardous waste, vector-borne disease, occupational health, legal and risk issues, global issues, and other special topics.									
HSP	SPH	HLTH	6770	<b>Grant and Proposal Writing in Public Health</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 and MPH major									
				COURSE DESC: Methods and techniques for writing and managing grant proposals to support public health programs. Emphasis on development of grant proposals, including narrative, program plan, evaluation design, time line, budget justification, identifying grant sources, managing funded projects, and developing requests for proposals.									
HSP	SPH	HLTH	6780	<b>Public Health Practice and Issues</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 and MPH major									
				COURSE DESC: In an organizational setting, the following topics will be explored: health informatics and communication, diversity and cultural proficiency, and public health professional ethics. These topics are emerging public health issues, which will be applied in a practice setting. This is a required course in the Master of Public Health program with two-thirds of the content being presented online and one-third in a practice setting.									
HSP	SPH	HLTH	6790	<b>Seminar</b>	SEM	SE	3	6		N	G40		0
				ELIGIBLE GRADES: A-F, CR, PR REQUISITE: MPH Major									
				COURSE DESC: Research and investigation in health and health care. Topics and problems suitable for thesis writing, methods of research, writing practice, and critical analysis of outline for research study.									
HSP	SPH	HLTH	6791	<b>Chronic Disease Epidemiology, Prevention, and Control</b>	LEC	EL	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				COURSE DESC: The epidemiology of heart disease, hypertension, stroke, diabetes, cancer, chronic lung diseases, chronic neurologic disorders, and musculoskeletal diseases will be studied. Risk factors, extent, and modern public health approaches to prevention and control of major chronic diseases will be covered. The public health burden of chronic disease will also be discussed.									
HSP	SPH	HLTH	6791	<b>Chronic Disease Epidemiology, Prevention, and Control</b>	LEC	LE	3	0		N	G40		0
				ELIGIBLE GRADES: A-F, PR REQUISITE:									
				COURSE DESC: The epidemiology of heart disease, hypertension, stroke, diabetes, cancer, chronic lung diseases, chronic neurologic disorders, and musculoskeletal diseases will be studied. Risk factors, extent, and modern public health approaches to prevention and control of major chronic diseases will be covered. The public health burden of chronic disease will also be discussed.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>HLTH</b>	<b>6795</b>	<b>Public Health Research and Evaluation</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HLTH 6730 and 6740 and admission to the MPH Program Public Health Research and Evaluation is a theoretical and applied course on research methods. Students will critically review journal articles, create research questions, conduct comprehensive literature reviews, employ quantitative and qualitative research methods that fall within institutional review board parameters, and develop and execute a data analysis plan. Culmination of coursework will be individual oral presentation and mock journal article.									
HSP	SPH	<b>HLTH</b>	<b>6795</b>	<b>Public Health Research and Evaluation</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HLTH 6730 and 6740 and admission to the MPH Program Public Health Research and Evaluation is a theoretical and applied course on research methods. Students will critically review journal articles, create research questions, conduct comprehensive literature reviews, employ quantitative and qualitative research methods that fall within institutional review board parameters, and develop and execute a data analysis plan. Culmination of coursework will be individual oral presentation and mock journal article.									
HSP	SPH	<b>HLTH</b>	<b>6800</b>	<b>Interprofessional Applications of Epidemiology</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Interprofessional applications of epidemiology to public health, health care, and health policy decision-making will be covered. Evidence-based public health and health care, a critical appraisal of health interventions, pharmacoepidemiology, nutritional epidemiology, social epidemiology, and other emerging issues in epidemiology will be discussed.									
HSP	SPH	<b>HLTH</b>	<b>6800</b>	<b>Interprofessional Applications of Epidemiology</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Interprofessional applications of epidemiology to public health, health care, and health policy decision-making will be covered. Evidence-based public health and health care, a critical appraisal of health interventions, pharmacoepidemiology, nutritional epidemiology, social epidemiology, and other emerging issues in epidemiology will be discussed.									
HSP	SPH	<b>HLTH</b>	<b>6801</b>	<b>Health Information Systems and Applications</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: BME 5100 Covers types of information systems and functions, networks, telecommunication, and security and provides a framework for the evaluation of those systems.									
HSP	SPH	<b>HLTH</b>	<b>6801</b>	<b>Health Information Systems and Applications</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: BME 5100 Covers types of information systems and functions, networks, telecommunication, and security and provides a framework for the evaluation of those systems.									
HSP	SPH	<b>HLTH</b>	<b>6802</b>	<b>Quantitative Methods in Health Research</b>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: The concepts of quantitative health research are discussed. Study designs, measures of disease frequency, screening, and validity and reliability of study results are covered. The concept of evidence-based patient care is studied. Applications of the probability theory and biostatistics to measurement of disease and risk factors are discussed.									
HSP	SPH	<b>HLTH</b>	<b>6802</b>	<b>Quantitative Methods in Health Research</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: The concepts of quantitative health research are discussed. Study designs, measures of disease frequency, screening, and validity and reliability of study results are covered. The concept of evidence-based patient care is studied. Applications of the probability theory and biostatistics to measurement of disease and risk factors are discussed.									
HSP	SPH	<b>HLTH</b>	<b>6900</b>	<b>Special Topics in Health Sciences - Health</b>	SEM	SE	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Selected topics not covered in regular offerings in health administration and closely related fields.									
HSP	SPH	<b>HLTH</b>	<b>6901</b>	<b>MPH Special Topics</b>	SEM	SE	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MPH Major Comprehensive, in-depth coverage of selected emerging issues, newly recognized needs/concerns to public health workers that are not fully covered in regular course offerings.									
HSP	SPH	<b>HLTH</b>	<b>6910</b>	<b>Master of Public Health Capstone I</b>	FLD	FE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: HLTH 6710 and 6720 and 6730 and 6740 Addresses public health competencies that need to be strengthened. The focus of this capstone will be on identifying a project of interest, developing the project, and producing the capstone proposal.									
HSP	SPH	<b>HLTH</b>	<b>6911</b>	<b>Master of Public Health Capstone II</b>	FLD	FE	3	6		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required and HLTH 6710 and 6720 and 6730 and 6740 and 6750 and 6760 and 6910 The purpose of the capstone project is to provide an opportunity for the student to apply the public health competencies acquired in the core courses to a public health project. It is the culminating experience in the Consortium of Eastern Ohio Master of Public Health (CEOMPH) program. This is a required culminating experience for MPH students to be taken after all core courses are completed, in partnership with a community organization/agency.									
HSP	SPH	<b>HLTH</b>	<b>6920</b>	<b>MPH Practicum</b>	PRA	PR	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: MPH Major Student teamed with faculty advisor and community preceptor(s) to apply public health concepts in a professional setting. Provides additional field experience for students.									
HSP	SPH	<b>HLTH</b>	<b>6921</b>	<b>Practicum</b>	PRA	PR	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required Supervised work experience in various aspects of administration and operation of health and health related programs.									



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HSP	SPH	<b>HLTH</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required									
				Advanced individual creative and scholarly work in health services administration and closely related fields.									
HSP	SPH	<b>HLTH</b>	<b>6950</b>	<b>Thesis</b>	THE	TH	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>2000</b>	<b>Essentials of Occupational Hygiene and Professions</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>2900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>4000</b>	<b>Occupational Hygiene and Professions Sampling and Analysis</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>4100</b>	<b>Toxicology for the Health Sciences</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IH 2000									
				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>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr									
				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.									

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HSP	SPH	<b>OHS</b>	<b>4300</b>	<b>Laboratory Safety and Hygiene</b> ELIGIBLE GRADES: A-F COURSE DESC: Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.	LEC	LE	3	0		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4400</b>	<b>Physical Hazards Evaluation and Control</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to provide a functional knowledge of methods used to evaluate and control noise, vibration, heat, ergonomic stressors, and other factors affecting the health and well-being of the worker.	LEC	LE	3	0		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4500</b>	<b>Public Health Emergency Response</b> ELIGIBLE GRADES: A-F COURSE DESC: Content integrates hazardous materials issues from the last century with evolving public health response requirements in the post-9/11 society.	LEC	EL	3	0		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4500</b>	<b>Public Health Emergency Response</b> ELIGIBLE GRADES: A-F COURSE DESC: Content integrates hazardous materials issues from the last century with evolving public health response requirements in the post-9/11 society.	LEC	LE	3	0		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4900</b>	<b>Special Topics in Occupational Hygiene and Professions</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4900</b>	<b>Special Topics in Occupational Hygiene and Professions</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4930</b>	<b>Independent Study</b> ELIGIBLE GRADES: A-F COURSE DESC: Allows a student to study occupational hygiene and professions topics independently under the supervision of an instructor.	IND	EL	1 to 3	9		N	U30		0
HSP	SPH	<b>OHS</b>	<b>4930</b>	<b>Independent Study</b> ELIGIBLE GRADES: A-F COURSE DESC: Allows a student to study occupational hygiene and professions topics independently under the supervision of an instructor.	IND	IS	1 to 3	9		N	U30		0
HSP	SPH	<b>OHS</b>	<b>5000</b>	<b>Occupational Hygiene and Professions Sampling and Analysis</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.	LAB	LB	4	8		N	G40		0
HSP	SPH	<b>OHS</b>	<b>5000</b>	<b>Occupational Hygiene and Professions Sampling and Analysis</b> ELIGIBLE GRADES: A-F COURSE DESC: Introduces field sampling and lab instrumentation and analytical methods common to industrial hygiene. Students required to interpret readings, analyze samples, and prepare appropriate reports.	LEC	LE	4	8		N	G40		0
HSP	SPH	<b>OHS</b>	<b>5100</b>	<b>Toxicology for the Health Sciences</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.	LEC	EL	3	0		N	G40		0
HSP	SPH	<b>OHS</b>	<b>5100</b>	<b>Toxicology for the Health Sciences</b> ELIGIBLE GRADES: A-F COURSE DESC: Basic toxicology of hazardous dusts, fumes, vapors, gases, and liquids found in the workplace. Techniques necessary to recognize, evaluate, and control exposure to organic solvents, metals, asbestos, lead, radon, and other substances will be introduced.	LEC	LE	3	0		N	G40		0
HSP	SPH	<b>OHS</b>	<b>5200</b>	<b>Industrial Ventilation with Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.	LAB	LB	4	0		N	G40		0
HSP	SPH	<b>OHS</b>	<b>5200</b>	<b>Industrial Ventilation with Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to impart a working knowledge of the principles, methods, and practices of controlling worker exposure to hazardous concentrations of air contaminants and to present logical methods of design, evaluation, and maintenance of such systems.	LEC	LE	4	0		N	G40		0

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HSP	SPH	<b>OHS</b>	<b>5300</b>	<b>Laboratory Safety and Hygiene</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.									
HSP	SPH	<b>OHS</b>	<b>5300</b>	<b>Laboratory Safety and Hygiene</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the administrative, regulatory, and technical aspects of safety and hygiene in laboratory research environments. Chemical, biological, physical, and ergonomic hazards are studied. Emphasis is placed on the OSHA Chemical Hygiene Standard, hazardous waste rules, radiation safety, biosafety, OSHA Bloodborne Pathogens Standard, fumehoods and safety equipment, personal protective equipment, and wastes generated in the lab.									
HSP	SPH	<b>OHS</b>	<b>5400</b>	<b>Physical Hazards Evaluation and Control</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to provide a functional knowledge of methods used to evaluate and control noise, vibration, heat, ergonomic stressors, and other factors affecting the health and well-being of the worker.									
HSP	SPH	<b>OHS</b>	<b>5900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>5900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>6900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>6900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>OHS</b>	<b>6930</b>	<b>Independent Study in Occupational Hygiene and Professions</b>	IND	EL	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Permission required					
		COURSE DESC:		Advanced individual creative and scholarly work in occupational hygiene and professions, and closely related fields.									
HSP	SPH	<b>OHS</b>	<b>6930</b>	<b>Independent Study in Occupational Hygiene and Professions</b>	IND	IS	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:		Permission required					
		COURSE DESC:		Advanced individual creative and scholarly work in occupational hygiene and professions, and closely related fields.									
HSP	SPH	<b>SW</b>	<b>1000</b>	<b>Introduction to Social Work and Social Welfare</b>	LEC	EL	3	0	2SS	N	U10		20
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, and corrections. Within this context, various career options and professional roles will be described, including that of social work.									
HSP	SPH	<b>SW</b>	<b>1000</b>	<b>Introduction to Social Work and Social Welfare</b>	LEC	LE	3	0	2SS	N	U10		20
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, and corrections. Within this context, various career options and professional roles will be described, including that of social work.									
HSP	SPH	<b>SW</b>	<b>2601</b>	<b>Social Welfare Overview and Trends</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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HSP	SPH	<b>SW</b>	<b>2900</b>	<b>Special Topics in Social Work</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>2900</b>	<b>Special Topics in Social Work</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>2970T</b>	<b>Social Work Honors Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial incorporating the Social Work content In conjunction with SW 1000.									
HSP	SPH	<b>SW</b>	<b>2971T</b>	<b>Social Work Honors Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Individualized core tutorial for HTC students only.									
HSP	SPH	<b>SW</b>	<b>2980T</b>	<b>Social Work Honors Tutorial SW 3602</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Honors Tutorial on social policy.									
HSP	SPH	<b>SW</b>	<b>2981T</b>	<b>Social Work Honors Tutorial</b>	TUT	TU	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Individualized core tutorial for HTC students only.									
HSP	SPH	<b>SW</b>	<b>3203</b>	<b>International Social Work and Social Welfare</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	POLS 1010 and SOC 1000						
		COURSE DESC:		Explores international social work and social welfare in the context of global social issues. Although the course uses the African continent as its primary focus, readings and other course materials also provide information about other international contexts. Presents an overview of the social work profession, the impact of global interdependence on social work practice, and historical and current social welfare challenges facing the developed and developing countries.									
HSP	SPH	<b>SW</b>	<b>3213</b>	<b>Child Abuse and Neglect</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Designed for social work students and other students interested in human services. Explores child abuse and neglect within an ecological and family systems perspective. Emphasizes an interdisciplinary viewpoint and incorporates experiences in the community. Examine theories of causation of child abuse and neglect, issues in recognition, assessment, intervention, treatment, follow-up, and related issues of family violence and substance abuse. Incorporates discussion of social work values, ethics, and historical traditions in child welfare practice, including understanding issues of diversity for individuals and families. Consider child welfare policy issues, including advocacy issues, in relation to child protection, intervention with diverse populations, and treatment. The questions we are asking in this course are: Using an ecological perspective, what are the meanings of child abuse and neglect to individuals, to families, and to society? Understanding some of these meanings, what are some recommendations for social policy response?									
HSP	SPH	<b>SW</b>	<b>3233</b>	<b>Counseling Older Adults</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	PSY 1010 and (Jr or Sr)						
		COURSE DESC:		Focuses on basic counseling, communication, and intervention skills needed by persons working with aged. Problems specific to later years discussed. Field work component provides opportunity for interaction with older adults.									
HSP	SPH	<b>SW</b>	<b>3243</b>	<b>Social Welfare Law</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	<b>SW</b>	<b>3243</b>	<b>Social Welfare Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	<b>SW</b>	<b>3253</b>	<b>Understanding Management and Supervision in Social Work Agencies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

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HSP	SPH	<b>SW</b>	<b>3253</b>	<b>Understanding Management and Supervision in Social Work Agencies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Focuses on management and supervision from the perspective of the beginning direct service social worker. In addition to an overview of principles of administration and supervision that are relevant to human service agencies, the course focuses on how social work interns and beginning employees can best make use of supervision and management to improve their practice and client services.									
HSP	SPH	<b>SW</b>	<b>3263</b>	<b>Chemical Dependency</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores policy issues relevant to chemical abuse, theories concerning the causes of addiction, evidenced-based treatment and prevention, the effects of various drugs, and the ethics/social justice issues relevant to chemical abuse. Examines substance abuse across systems (micro, mezzo, and macro).									
HSP	SPH	<b>SW</b>	<b>3273</b>	<b>Mental Health and Social Work</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SW 1000						
		COURSE DESC:		Explores the history of mental health policies, cross-cultural issues, stereotypes associated with mental illness, the ethics of mental health practice, and social work practice based on a strengths model.									
HSP	SPH	<b>SW</b>	<b>3283</b>	<b>Social Work in Health Care</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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	SPH	<b>SW</b>	<b>3293</b>	<b>Aging in American Society</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	12 Hours in Tier II Social Science and (Jr or Sr) and WARNING: not SW 395						
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	<b>SW</b>	<b>3293</b>	<b>Aging in American Society</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	12 Hours in Tier II Social Science and (Jr or Sr) and WARNING: not SW 395						
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	<b>SW</b>	<b>3602</b>	<b>Social Welfare Policy</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SW 1000 and 2601						
		COURSE DESC:		The second of a two-course sequence that covers the social welfare policy and practice content of the foundation curriculum for undergraduate social work education. Examines social policy stressing relationships between policy and social welfare organizations and agency funding; the practice of policy development and analysis; and the role of policy in social worker decision-making, advocacy, and practice. Expands on basic concepts, social work values, ethics, and principles.									
HSP	SPH	<b>SW</b>	<b>3602</b>	<b>Social Welfare Policy</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SW 1000 and 2601						
		COURSE DESC:		The second of a two-course sequence that covers the social welfare policy and practice content of the foundation curriculum for undergraduate social work education. Examines social policy stressing relationships between policy and social welfare organizations and agency funding; the practice of policy development and analysis; and the role of policy in social worker decision-making, advocacy, and practice. Expands on basic concepts, social work values, ethics, and principles.									
HSP	SPH	<b>SW</b>	<b>3701</b>	<b>Dynamics of Human Behavior</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1030 and PSY 2410 and SW major						
		COURSE DESC:		Presents a holistic approach to human development and assessing social functioning with emphasis on human diversity and integration of knowledge of behavior fundamental to the practice of social work. Examine human development utilizing the biopsychosocial and life course perspectives, with emphasis on human development of culture, race, ethnicity, gender, sexual orientation, and class.									
HSP	SPH	<b>SW</b>	<b>3701</b>	<b>Dynamics of Human Behavior</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BIOS 1030 and PSY 2410 and SW major						
		COURSE DESC:		Presents a holistic approach to human development and assessing social functioning with emphasis on human diversity and integration of knowledge of behavior fundamental to the practice of social work. Examine human development utilizing the biopsychosocial and life course perspectives, with emphasis on human development of culture, race, ethnicity, gender, sexual orientation, and class.									
HSP	SPH	<b>SW</b>	<b>3801</b>	<b>Introduction to Social Work Practice Methods</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>3801</b>	<b>Introduction to Social Work Practice Methods</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SW major and (Jr or Sr) Focuses on development of effective social work communication skills as they relate to social work relationship and professional practice. Learn to apply social work ethics to practice especially in regard to diverse populations. Cultural sensitivity and professional self awareness will also be components of the course.									
HSP	SPH	<b>SW</b>	<b>3870</b>	<b>Research Methods in Social Work</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 2110 and SW major and (Jr or Sr) Provides undergraduate social work students with an understanding of research methods that social workers use to study effectiveness of their practice as well as build and expand knowledge for development and improvement of social work practice at all levels. Examines measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, evaluation of practice with clients and groups, quantitative and qualitative research, ethical issues, and the writing of research reports.									
HSP	SPH	<b>SW</b>	<b>3870</b>	<b>Research Methods in Social Work</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: PSY 2110 and SW major and (Jr or Sr) Provides undergraduate social work students with an understanding of research methods that social workers use to study effectiveness of their practice as well as build and expand knowledge for development and improvement of social work practice at all levels. Examines measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, evaluation of practice with clients and groups, quantitative and qualitative research, ethical issues, and the writing of research reports.									
HSP	SPH	<b>SW</b>	<b>3970T</b>	<b>Social Work Honors Tutorial SW 3801</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial parallels SW 3801.									
HSP	SPH	<b>SW</b>	<b>3980T</b>	<b>Social Work Honors Tutorial SW 3940</b>	TUT	TU	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HTC Honors Tutorial in conjunction with SW 3940 Social Work Research Methods									
HSP	SPH	<b>SW</b>	<b>4223</b>	<b>Child Welfare I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 12 Hours in Tier II Social Sciences and Sr only The first of a two-course series that provides knowledge, concepts, and fundamental skills needed for beginning level practice in public and private child welfare. Focuses on interventions to protect children from abuse, neglect, and sexual abuse by strengthening, supporting, and empowering their families. Organized around four themes. First, content is provided on the mission and scope of child welfare practice, articulating the underlying philosophy and values that drive child welfare practice, and addressing cultural and relationship issues when working with families. Second, the course provides conceptual and practical information on identifying child maltreatment, assessing family needs and strengths, and determining both immediate and long-term risk to children of future maltreatment. Third, information is presented on case planning and applying a casework model to working with families. Fourth, content is presented on interviewing skills in child welfare setting, especially as these skills relate to family assessment and case planning activities.									
HSP	SPH	<b>SW</b>	<b>4224</b>	<b>Child Welfare II</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SW 4223 and 12 hour Tier II Social Sciences and Sr only The second in a series of two child welfare courses. Continues with a family-centered and strength-based approach to child welfare services that addresses the developmental and permanence needs of children in the child welfare system. The Caseworker Core Training content is divided into five core modules covering: assessment in family-centered child protective services; investigative processes in family-centered child protective services; case planning and family-centered casework; child development and implications for family-centered child protective services; and separation, placement, and reunification in family-centered child protective services. Explores the phenomenon of traumatic stress as a topic of increasing importance in child welfare/social work practice and how secondary traumatic stress is derived from the social worker-client relationship. Allow social workers to prevent and intervene in secondary traumatic stress in themselves, colleagues, clients, and organizations.									
HSP	SPH	<b>SW</b>	<b>4801</b>	<b>Social Work Practice I</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The first of the two semester senior social work practice courses, SW 4960 is designed to teach students the basic concepts and skills of generalist social work, focusing on both micropractice, particularly assessment of individuals and families, and macropractice, beginning assessment of organizations and communities. Classwork will focus 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. Concepts introduced in this course can be further processed in the accompanying field seminar and in field work practice. In the subsequent courses in the senior practice sequence, students will build on the skills and concepts introduced in this course.									
HSP	SPH	<b>SW</b>	<b>4801</b>	<b>Social Work Practice I</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: The first of the two semester senior social work practice courses, SW 4960 is designed to teach students the basic concepts and skills of generalist social work, focusing on both micropractice, particularly assessment of individuals and families, and macropractice, beginning assessment of organizations and communities. Classwork will focus 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. Concepts introduced in this course can be further processed in the accompanying field seminar and in field work practice. In the subsequent courses in the senior practice sequence, students will build on the skills and concepts introduced in this course.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>4802</b>	<b>Social Work Practice II</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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. Focuses on the analytical and interactional skills associated with the problem solving model, by continuing the research project begun in SW 4960, now consisting of data collection, data analysis, and reporting writing assignments. Attention is also given to selected skills associated with the roles of broker, teacher, and advocate in effecting macro-level change. Builds on the community analysis experience from the first semester by writing an individual grant proposal that addresses specific identified community problems. Grant proposals, as an aspect of advocacy and brokerage, are identified as a means of partially rectifying economic and social injustice. Ethical dilemmas in practice and issues of diversity will be highlighted.									
HSP	SPH	<b>SW</b>	<b>4802</b>	<b>Social Work Practice II</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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. Focuses on the analytical and interactional skills associated with the problem solving model, by continuing the research project begun in SW 4960, now consisting of data collection, data analysis, and reporting writing assignments. Attention is also given to selected skills associated with the roles of broker, teacher, and advocate in effecting macro-level change. Builds on the community analysis experience from the first semester by writing an individual grant proposal that addresses specific identified community problems. Grant proposals, as an aspect of advocacy and brokerage, are identified as a means of partially rectifying economic and social injustice. Ethical dilemmas in practice and issues of diversity will be highlighted.									
HSP	SPH	<b>SW</b>	<b>4900</b>	<b>Special Topics in Social Work</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>4900</b>	<b>Special Topics in Social Work</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>4921</b>	<b>Field Seminar I</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		First of a two semester series, taken concurrently with SW 4960 and 4920. Provides an opportunity to integrate field experience with coursework and personal reflection. Through discussion and journaling, students process activities, questions, and concerns related to the field practicum. Students develop analytical, written, and presentation skills through assignments focused on use of self within the context of a social service organization. A variety of practice issues are addressed in a regional context including diversity, social justice, social work values and ethics, self-understanding, and professional development. NOTE; this course may be retaken only once (excluding withdrawals) with permission.									
HSP	SPH	<b>SW</b>	<b>4921</b>	<b>Field Seminar I</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		First of a two semester series, taken concurrently with SW 4960 and 4920. Provides an opportunity to integrate field experience with coursework and personal reflection. Through discussion and journaling, students process activities, questions, and concerns related to the field practicum. Students develop analytical, written, and presentation skills through assignments focused on use of self within the context of a social service organization. A variety of practice issues are addressed in a regional context including diversity, social justice, social work values and ethics, self-understanding, and professional development. NOTE; this course may be retaken only once (excluding withdrawals) with permission.									
HSP	SPH	<b>SW</b>	<b>4922</b>	<b>Field Seminar II</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Second of two semester sequence, taken concurrently with SW 4970 and SW 4921. Students will integrate practice experiences with academic content utilizing a variety of in-class and out-of-class activities and assignments; students will demonstrate a variety of social work skills. NOTE: This course may be retaken only once (excluding withdrawal) with permission.									
HSP	SPH	<b>SW</b>	<b>4923</b>	<b>Field Practicum I</b>	PRA	PR	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		First of a two semester sequence, taken concurrently with SW 4960 & SW 4910. A first semester placement experience, during which students begin with observation and gradually progress toward independently assuming the social work roles of teacher, broker, counselor/clinician, and advocate in generalist practice.									
HSP	SPH	<b>SW</b>	<b>4924</b>	<b>Field Practicum II</b>	PRA	PR	6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Second of a two semester sequence, taken concurrently with SW 4970 & 4911. A second semester placement experience, during which students gradually progress toward independently assuming the social work roles of teacher, broker, counselor/clinician, and advocate in generalist practice.									
HSP	SPH	<b>SW</b>	<b>4930</b>	<b>Independent Studies and Special Projects in Social Work</b>	IND	EL	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>4930</b>	<b>Independent Studies and Special Projects in Social Work</b>	IND	IS	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	12 Hours in SW						
		COURSE DESC:		Student responsible for design and implementation of course of study or special project in area related to social work. Student interested in course must submit proposal for approval by department chair at least 30 days prior to enrollment in course.									
HSP	SPH	<b>SW</b>	<b>4970T</b>	<b>Social Work Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		HTC thesis.									
HSP	SPH	<b>SW</b>	<b>4980T</b>	<b>Social Work Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	HTC						
		COURSE DESC:		Final Social Work HTC									
HSP	SPH	<b>SW</b>	<b>5101</b>	<b>Social Work Orientation Seminar</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MSW student with clinical concentration						
		COURSE DESC:		Introduces the unique geographic region of Central Appalachian Ohio. Explores values, cultural systems, and social issues and examines the historical, economic, sociological, educational, spiritual, cultural, and political aspects of the Appalachian region and their impact on social welfare institutions and the services they provide.									
HSP	SPH	<b>SW</b>	<b>5101</b>	<b>Social Work Orientation Seminar</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MSW student with clinical concentration						
		COURSE DESC:		Introduces the unique geographic region of Central Appalachian Ohio. Explores values, cultural systems, and social issues and examines the historical, economic, sociological, educational, spiritual, cultural, and political aspects of the Appalachian region and their impact on social welfare institutions and the services they provide.									
HSP	SPH	<b>SW</b>	<b>5203</b>	<b>International Social Work and Social Welfare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores international social work and social welfare in the context of global social issues. Although the course uses the African continent as its primary focus, readings and other course materials also provide information about other international contexts. Presents an overview of the social work profession, the impact of global interdependence on social work practice, and historical and current social welfare challenges facing the developed and developing countries.									
HSP	SPH	<b>SW</b>	<b>5213</b>	<b>Child Abuse and Neglect</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed for social work students and other students interested in human services. Explores child abuse and neglect within an ecological and family systems perspective. Emphasizes an interdisciplinary viewpoint and incorporates experiences in the community. Examine theories of causation of child abuse and neglect, issues in recognition, assessment, intervention, treatment, follow-up, and related issues of family violence and substance abuse. Incorporates discussion of social work values, ethics, and historical traditions in child welfare practice, including understanding issues of diversity for individuals and families. Consider child welfare policy issues, including advocacy issues, in relation to child protection, intervention with diverse populations, and treatment. The questions we are asking in this course are: Using an ecological perspective, what are the meanings of child abuse and neglect to individuals, to families, and to society? Understanding some of these meanings, what are some recommendations for social policy response?									
HSP	SPH	<b>SW</b>	<b>5223</b>	<b>Child Welfare I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									
HSP	SPH	<b>SW</b>	<b>5224</b>	<b>Child Welfare II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The second in a series of two child welfare courses. Continues with a family-centered and strength-based approach to child welfare services that addresses the developmental and permanence needs of children in the child welfare system. The Caseworker Core Training content is divided into five core modules covering: assessment in family-centered child protective services; investigative processes in family-centered child protective services; case planning and family-centered casework; child development and implications for family-centered child protective services; and separation, placement, and reunification in family-centered child protective services. Explores the phenomenon of traumatic stress as a topic of increasing importance in child welfare/social work practice and how secondary traumatic stress is derived from the social worker-client relationship. Allow social workers to prevent and intervene in secondary traumatic stress in themselves, colleagues, clients, and organizations.									
HSP	SPH	<b>SW</b>	<b>5233</b>	<b>Counseling Older Adults</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>5243</b>	<b>Social Welfare Law</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	<b>SW</b>	<b>5243</b>	<b>Social Welfare Law</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Examines the social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.									
HSP	SPH	<b>SW</b>	<b>5263</b>	<b>Chemical Dependency</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores policy issues relevant to chemical abuse, theories concerning the causes of addiction, evidenced-based treatment and prevention, the effects of various drugs, and the ethics/social justice issues relevant to chemical abuse. Examines substance abuse across systems (micro, mezzo, and macro).									
HSP	SPH	<b>SW</b>	<b>5273</b>	<b>Mental Health and Social Work</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Explores the history of mental health policies, cross-cultural issues, stereotypes associated with mental illness, the ethics of mental health practice, and social work practice based on a strengths model.									
HSP	SPH	<b>SW</b>	<b>5283</b>	<b>Social Work in Health Care</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides an overview of health care policy and service delivery and the roles filled by social workers. Examines the ways services are perceived by and delivered to diverse populations, emphasizing social work values.									
HSP	SPH	<b>SW</b>	<b>5293</b>	<b>Aging in American Society</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	<b>SW</b>	<b>5293</b>	<b>Aging in American Society</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Review of available knowledge on critical issues and problems of aged in America. Attention devoted to social welfare programs and services designed to meet needs of elderly in various cultural groups.									
HSP	SPH	<b>SW</b>	<b>5601</b>	<b>Social Welfare Policy and Services I:History of Social Welfare and Social Work</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Presents a multicultural historical review of social service delivery systems, and the development of the social work profession, with a focus on the historic lack of attention to rural needs and rural policy. Consideration is given to the structure, operation, implementation and outcomes of social services; values and ethics in social policy; the meaning of oppression and social justice; and the impact of social policy and social work practice on the needs of the poor and oppressed, including women, people of color, and other groups of particular concern to social work.									
HSP	SPH	<b>SW</b>	<b>5601</b>	<b>Social Welfare Policy and Services I:History of Social Welfare and Social Work</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Presents a multicultural historical review of social service delivery systems, and the development of the social work profession, with a focus on the historic lack of attention to rural needs and rural policy. Consideration is given to the structure, operation, implementation and outcomes of social services; values and ethics in social policy; the meaning of oppression and social justice; and the impact of social policy and social work practice on the needs of the poor and oppressed, including women, people of color, and other groups of particular concern to social work.									
HSP	SPH	<b>SW</b>	<b>5602</b>	<b>Social Welfare Policy and Services II: Special Topics in Social Welfare</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>5602</b>	<b>Social Welfare Policy and Services II: Special Topics in Social Welfare</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SW 5601							
		COURSE DESC:		Theories and frameworks analyze the development, operation, impact and strategies for change in today's social welfare policies and services. Responding to contemporary policy development throughout the United States, with emphasis on federal, Ohio and Appalachian-targeted policies, explores settings, population groups and social policy. Students apply analytic skills to deepen their knowledge about how settings, populations and issues are influenced and shaped by social needs, social policy, ethical questions, oppression and concerns for social and economic justice.									
HSP	SPH	<b>SW</b>	<b>5701</b>	<b>Human Behavior in the Social Environment I: Human Development and Diversity</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Graduate Standing in SW							
		COURSE DESC:		Applies the bio-psycho-social framework, life course perspective and systems theory to understanding human development and diversity.									
HSP	SPH	<b>SW</b>	<b>5701</b>	<b>Human Behavior in the Social Environment I: Human Development and Diversity</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	Graduate Standing in SW							
		COURSE DESC:		Applies the bio-psycho-social framework, life course perspective and systems theory to understanding human development and diversity.									
HSP	SPH	<b>SW</b>	<b>5702</b>	<b>Human Behavior in the Social Environment II: Social Work Theory and Applications</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores reciprocal influences of biology, psychology, and social functioning; analysis and beginning application of theories used in social work to assess systems at micro, mezzo and macro levels.									
HSP	SPH	<b>SW</b>	<b>5702</b>	<b>Human Behavior in the Social Environment II: Social Work Theory and Applications</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Explores reciprocal influences of biology, psychology, and social functioning; analysis and beginning application of theories used in social work to assess systems at micro, mezzo and macro levels.									
HSP	SPH	<b>SW</b>	<b>5801</b>	<b>Social Work Practice I: Foundations of Practice</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	SW 5921 or concurrent							
		COURSE DESC:		First of a two-course sequence providing foundation knowledge and skills for social work practice. Provides a conceptual framework for generalist practice. Maintaining a person-in-environment focus, students utilize a strengths-based problem-solving model that incorporates awareness of the impact of social work values and ethics on all levels of practice. Students develop an understanding of how various aspects of diversity impact practice and formulate a range of practice interventions based on empowerment and social and economic justice within a rural environment. Also integrates content on social work practice methods and biological, psychological and social theories of human behavior to enable students to assess individuals and families. The professional role, the nature of self-knowledge, self-discipline, and availability of other resources required for professional performance are emphasized.									
HSP	SPH	<b>SW</b>	<b>5802</b>	<b>Social Work Practice II: Groups and Communities</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									
HSP	SPH	<b>SW</b>	<b>5900</b>	<b>Special Topics in Social Work</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>5900</b>	<b>Special Topics in Social Work</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
HSP	SPH	<b>SW</b>	<b>5921</b>	<b>Foundation Field I</b>	PRA	PR	4	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	SW 5801 or concurrent							
		COURSE DESC:		Prepares students to apply social work research and interventions for generalist practice. The student will be assisted in progressively building a solid substructure of knowledge, skills, values and ethics in social work practice in conjunction with professional development within the context of an individual field placement in an agency in rural Appalachia. Requires 16 hours per week in a social agency.									
HSP	SPH	<b>SW</b>	<b>5922</b>	<b>Foundation Field II</b>	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		CR, F	REQUISITE:	SW 5801 and 5921 and (SW 5802 concurrent)							
		COURSE DESC:		Continues the preparation of students to apply social work research and theory to practice and to develop roles and interventions for generalist practice. The student will be assisted in progressively building a solid substructure of knowledge, skills, values and ethics in social work practice, in conjunction with professional development within the context of an individual field placement in an agency in rural Appalachia. Requires 20 hours per week in a social agency.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>5930</b>	<b>Independent Study</b>	IND	EL	1 to 3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Enable students to focus on the study of a topic of particular interest to them which may not be of broad enough interest to warrant the development of a standard elective. Individually designed by a student and faculty member to meet educational needs not met by existing core curriculum or elective courses.									
HSP	SPH	<b>SW</b>	<b>5930</b>	<b>Independent Study</b>	IND	IS	1 to 3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Enable students to focus on the study of a topic of particular interest to them which may not be of broad enough interest to warrant the development of a standard elective. Individually designed by a student and faculty member to meet educational needs not met by existing core curriculum or elective courses.									
HSP	SPH	<b>SW</b>	<b>6101</b>	<b>The Rural Social Agency</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Emphasizes agency-based practice focused on bringing about planned change in the organization. Encourages students to be as analytical about their organizations as they are about individuals, groups, and communities, and emphasize the partnership that should exist between direct service practitioners and managers to develop a supportive and open problem-solving environment in the social service agency. Problem definition, problem assessment, identification of intervention, design of interventions, use of staff, intervention costs and intervention effectiveness are covered.									
HSP	SPH	<b>SW</b>	<b>6101</b>	<b>The Rural Social Agency</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Emphasizes agency-based practice focused on bringing about planned change in the organization. Encourages students to be as analytical about their organizations as they are about individuals, groups, and communities, and emphasize the partnership that should exist between direct service practitioners and managers to develop a supportive and open problem-solving environment in the social service agency. Problem definition, problem assessment, identification of intervention, design of interventions, use of staff, intervention costs and intervention effectiveness are covered.									
HSP	SPH	<b>SW</b>	<b>6102</b>	<b>Integrative Seminar</b>	SEM	SE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Graduate Standing in SW						
		COURSE DESC:		This capstone course incorporates content from the entire MSW curriculum, including the field practicum. It also includes case analysis reflecting problem based learning. Uses an action learning format with a theoretical base in cognitive constructionism, making use of projects and work tasks that simulate professional contacts to survey legislation, policies, theories, research, programs and practices.									
HSP	SPH	<b>SW</b>	<b>6811</b>	<b>Direct Practice with Children, Adolescents, and Groups</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Graduate Standing in SW						
		COURSE DESC:		Develop skills for social work practice with children and adolescents living in rural communities. Students will learn to evaluate a variety of intervention methods and theories, as applied to working with children and adolescents in individual and group settings. Focuses on diversity, gender and rural communities as contributors to child and adolescent development and incorporates environmental and systems perspectives.									
HSP	SPH	<b>SW</b>	<b>6811</b>	<b>Direct Practice with Children, Adolescents, and Groups</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Graduate Standing in SW						
		COURSE DESC:		Develop skills for social work practice with children and adolescents living in rural communities. Students will learn to evaluate a variety of intervention methods and theories, as applied to working with children and adolescents in individual and group settings. Focuses on diversity, gender and rural communities as contributors to child and adolescent development and incorporates environmental and systems perspectives.									
HSP	SPH	<b>SW</b>	<b>6812</b>	<b>Direct Practice with Adults, Families, and Communities</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MSW student with clinical concentration						
		COURSE DESC:		Prepares students to provide social work services to families in rural communities. It also integrates material from SW 651 and 652 such as social groupwork practice and assessment an intervention in rural environments. Enhances student understanding of practice with diverse populations, including non-traditional families in rural communities.									
HSP	SPH	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.						
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.						
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	RSC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Must have completed first year of the MSW program and be assigned to an advanced field placement.						
		COURSE DESC:		Provides students with fundamental knowledge and skills in management and social work administration. Management theories consistent with social work values are provided for students to understand the roles and responsibilities of the social work administrator. Agency planning, program design, information management, decision making, leadership, supervision, staff development, board operations, and program evaluation are studied in the context of the rural environment, politics, ethics and values, race, and gender.									
HSP	SPH	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.						
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.						
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	RSC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.						
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	RSC	RS	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Students must have successfully completed the Advanced Fall semester and be enrolled in an advanced field placement.						
		COURSE DESC:		Prepares students specializing in the administration of rural social service agencies to practice community development skills, including resource enhancement. Focus is on community-wide planning and implementation processes to develop and improve the delivery and impact of social services in rural communities. Emphasizes social work values and ethics as a basis for empowering and including diverse populations in community decision-making.									
HSP	SPH	<b>SW</b>	<b>6900</b>	<b>Special Topics in Graduate Social Work</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course number will be used for experimental courses being offered while they are going through the UCC process. On occasion, courses will be developed on a one time basis to respond to emerging or one time issues not addressed elsewhere in the curriculum.									
HSP	SPH	<b>SW</b>	<b>6900</b>	<b>Special Topics in Graduate Social Work</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course number will be used for experimental courses being offered while they are going through the UCC process. On occasion, courses will be developed on a one time basis to respond to emerging or one time issues not addressed elsewhere in the curriculum.									
HSP	SPH	<b>SW</b>	<b>6921</b>	<b>Advanced Field Practicum I</b>	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Must complete the foundation year of the MSW Program or be admitted to Advanced Standing.						
		COURSE DESC:		These two field practicum courses assist the student in progressively building upon the substructure of knowledge, skills, values, and ethics of social work practice which was acquired during the foundational field experience. Within a context of academic work in the four curricular areas in conjunction with an individual placement in an agency in rural Appalachia and a close mentoring relationship with a field instructor, the student will develop advanced clinical practice skills, will strive to clarify personal and professional values and ethics, and will further solidify a professional identity. Within this framework, the specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.									
HSP	SPH	<b>SW</b>	<b>6922</b>	<b>Advanced Field Practicum II</b>	PRA	PR	6	0		N	G40		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	SW 6921						
		COURSE DESC:		These two field practicum courses assist the student in progressively building upon the substructure of knowledge, skills, values, and ethics of social work practice which was acquired during the foundational field experience. Within a context of academic work in the four curricular areas in conjunction with an individual placement in an agency in rural Appalachia and a close mentoring relationship with a field instructor, the student will develop advanced clinical practice skills, will strive to clarify personal and professional values and ethics, and will further solidify a professional identity. Within this framework, the specialized clinical or administrative field practicum prepares the student for advanced social work service delivery in their area of specialization.									
HSP	SPH	<b>SW</b>	<b>6941</b>	<b>Social Work Research &amp; Program Evaluation I</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares students to write a research proposal, in conjunction with their field supervisors, to address a problem of concern to their field agency. Explores quantitative and qualitative research methods, and the components of research proposal, including: problem formulation, development of hypotheses, and design of a sound, ethical study that conforms to IRB standards. The course also foreshadows data collection, analysis, interpretation and report writing.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SPH	<b>SW</b>	<b>6941</b>	<b>Social Work Research &amp; Program Evaluation I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Prepares students to write a research proposal, in conjunction with their field supervisors, to address a problem of concern to their field agency. Explores quantitative and qualitative research methods, and the components of research proposal, including: problem formulation, development of hypotheses, and design of a sound, ethical study that conforms to IRB standards. The course also foreshadows data collection, analysis, interpretation and report writing.									
HSP	SPH	<b>SW</b>	<b>6942</b>	<b>Social Work Research &amp; Program Evaluation II</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SW 6941						
		COURSE DESC:		This course builds on previous course S W 6610, where students reviewed to basics of social work research methods to write a research project proposal. During the course, students will learn statistical analyses including descriptive and inferential statistics to complete the proposed research project approved by OU IRB and/or ethical guidelines of conducting social work research.									
				Students will complete collection of data, and analysis of data using selective procedures. Students will use the appropriate analysis skills to analyze data collected for their evaluative or explanatory projects. Students will get experience of presenting their study verbally to their peers and other academic visitors such as field instructors and faculty members as well as write a publishable manuscript using APA style.									
HSP	SPH	<b>SW</b>	<b>6942</b>	<b>Social Work Research &amp; Program Evaluation II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SW 6941						
		COURSE DESC:		This course builds on previous course S W 6610, where students reviewed to basics of social work research methods to write a research project proposal. During the course, students will learn statistical analyses including descriptive and inferential statistics to complete the proposed research project approved by OU IRB and/or ethical guidelines of conducting social work research.									
				Students will complete collection of data, and analysis of data using selective procedures. Students will use the appropriate analysis skills to analyze data collected for their evaluative or explanatory projects. Students will get experience of presenting their study verbally to their peers and other academic visitors such as field instructors and faculty members as well as write a publishable manuscript using APA style.									
HSP	SPH	<b>T3</b>	<b>4010</b>	<b>Climate Change and Public Health</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr and EH 2000, GEOG 2400, GEOL 2150, or PBIO 1030						
		COURSE DESC:		This course offers a synthesis of the health, social, community, and physical factors of climate change that are related to public health outcomes. Topics include human health effects from vector-, water-, and foodborne diseases; disaster and weather-related health effects; and strategies to minimize or mitigate adverse public health outcomes.									
HSP	SPH	<b>T3</b>	<b>4700</b>	<b>Global Public Health</b>	LEC	EL	5	0	3	I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr and permission required						
		COURSE DESC:		Global Public Health is typically a study-abroad offering lasting 2-5 weeks in the hosting country or continent, but it may be presented locally as well. In the course, basic public health elements of selected locations are explored and connections made in the larger context of global health issues.									
HSP	SPH	<b>T3</b>	<b>4700</b>	<b>Global Public Health</b>	LEC	LE	5	0	3	I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr and permission required						
		COURSE DESC:		Global Public Health is typically a study-abroad offering lasting 2-5 weeks in the hosting country or continent, but it may be presented locally as well. In the course, basic public health elements of selected locations are explored and connections made in the larger context of global health issues.									
HSP	SPH	<b>T3</b>	<b>4740</b>	<b>Thanatology</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	<b>HC</b>	<b>2500</b>	<b>Honors Seminar</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Seminar									
HTC	HTC	<b>HC</b>	<b>2900</b>	<b>Special Topics in Honors College</b>	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Selected topics.									
HTC	HTC	<b>HC</b>	<b>2900</b>	<b>Special Topics in Honors College</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Selected topics.									
HTC	HTC	<b>HC</b>	<b>2930</b>	<b>Honors Independent Reading</b>	IND	EL	1 to 10	10		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	<b>HC</b>	<b>2930</b>	<b>Honors Independent Reading</b>	IND	IS	1 to 10	10		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	<b>HC</b>	<b>2940</b>	<b>Research Apprenticeship</b>	RSC	RS	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Provides opportunities for students to learn rudimentary research skills. Each student works on a faculty member's research project as an apprentice learning how to conduct basic research with a discipline or across related disciplines.									
HTC	HTC	<b>HC</b>	<b>2970T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		First-Year non-thesis tutorial for students in the Honors Tutorial College studying an interdisciplinary topic.									
HTC	HTC	<b>HC</b>	<b>2971T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Second-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	<b>HC</b>	<b>2980T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		First-Year non-thesis tutorial for students in the Honors Tutorial College studying an interdisciplinary topic.									
HTC	HTC	<b>HC</b>	<b>2981T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Second-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	<b>HC</b>	<b>3000J</b>	<b>Honors Thesis Writing and Research</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Prepares students to use scholarly resources to write senior thesis projects in the Honors Tutorial College. Students are required to master research methods, library resources, the integration of primary and secondary texts, discipline-specific documentation styles, and the conventions of critical writing. Students do extensive outside research, compose annotated bibliographies, write a research prospectus, revise their writing, and make presentations to the class about their work.									
HTC	HTC	<b>HC</b>	<b>3970T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	<b>HC</b>	<b>3980T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.									
HTC	HTC	<b>HC</b>	<b>4500</b>	<b>Cutler Scholars Colloquium</b>	SEM	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar for Cutler Scholars									
HTC	HTC	<b>HC</b>	<b>4500</b>	<b>Cutler Scholars Colloquium</b>	SEM	SE	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Seminar for Cutler Scholars									
HTC	HTC	<b>HC</b>	<b>4900</b>	<b>Special Topics in Honors College</b>	SEM	EL	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Selected Topics.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HTC	HTC	<b>HC</b>	<b>4900</b>	<b>Special Topics in Honors College</b>	SEM	SE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Selected Topics.									
HTC	HTC	<b>HC</b>	<b>4930</b>	<b>Honors Independent Reading</b>	IND	EL	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	<b>HC</b>	<b>4930</b>	<b>Honors Independent Reading</b>	IND	IS	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Independent Readings									
HTC	HTC	<b>HC</b>	<b>4970T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial thesis on an interdisciplinary topic.									
HTC	HTC	<b>HC</b>	<b>4980T</b>	<b>Honors Tutorial</b>	TUT	TU	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F	REQUISITE:	HTC							
		COURSE DESC:		Honors Tutorial thesis on an interdisciplinary topic.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>AKAN</b>	<b>1110</b>	<b>Elementary Twi (Akan) I</b>	LEC	EL	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>1110</b>	<b>Elementary Twi (Akan) I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>1120</b>	<b>Elementary Twi (Akan) II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AKAN1110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>2110</b>	<b>Intermediate Twi (Akan) I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: AKAN 1120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>2120</b>	<b>Intermediate Twi (Akan) II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: TWI 2110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>2900</b>	<b>Special Topics in Akan</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>AKAN</b>	<b>2900</b>	<b>Special Topics in Akan</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>AKAN</b>	<b>5110</b>	<b>Elementary Twi (Akan) I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.									
INST	INST	<b>AKAN</b>	<b>5120</b>	<b>Elementary Twi (Akan) II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AKAN 5110 Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AKAN 5120 Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: AKAN 5210 or TWI 305 Culture 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>AKAN</b>	<b>5900</b>	<b>Special Topics in Akan</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>GLC</b>	<b>1000</b>	<b>The Global Experience</b>	LEC	LE	1	3		N	U10		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Fr or Soph 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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>GLC</b>	<b>2010</b>	<b>Building Cross-National Alliances</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Intro to GLC. Understanding barriers and opportunities in countries and regions at various stages of development, and the significance of cross-national alliances. Team research and analysis of global ventures in various fields, accounting for relevant legal, economic, political, and social factors. Research and analysis geared toward development in such areas as agriculture, education, public health, the environment, nation-building, and political and social democracy. Examines changing definitions of development and places emphasis on understanding the historical, social, economic, and political circumstances that impact development and communication strategies used to promote development.									
INST	INST	<b>GLC</b>	<b>2010</b>	<b>Building Cross-National Alliances</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Intro to GLC. Understanding barriers and opportunities in countries and regions at various stages of development, and the significance of cross-national alliances. Team research and analysis of global ventures in various fields, accounting for relevant legal, economic, political, and social factors. Research and analysis geared toward development in such areas as agriculture, education, public health, the environment, nation-building, and political and social democracy. Examines changing definitions of development and places emphasis on understanding the historical, social, economic, and political circumstances that impact development and communication strategies used to promote development.									
INST	INST	<b>GLC</b>	<b>2020</b>	<b>Business and Communication in Transitional Societies</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Team research and analysis of global issues, with an emphasis on business, communication, and international relations. Perform country, industry, and company analyses; recommend options and solutions; and present ideas orally and in writing. Focus on issues and challenges faced by companies, organizations, and nongovernmental organizations in transitional societies.									
INST	INST	<b>GLC</b>	<b>2020</b>	<b>Business and Communication in Transitional Societies</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Team research and analysis of global issues, with an emphasis on business, communication, and international relations. Perform country, industry, and company analyses; recommend options and solutions; and present ideas orally and in writing. Focus on issues and challenges faced by companies, organizations, and nongovernmental organizations in transitional societies.									
INST	INST	<b>GLC</b>	<b>2030</b>	<b>Business and Communication in Transitional Societies (Abroad)</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Continuation of GLC 2020. Three weeks of 1st Summer Session. Working in conjunction with international students from partner university, GLC students finalize research begun in GLC 2020, prepare appropriate documents and reports, and make final presentation to clients.									
INST	INST	<b>GLC</b>	<b>2030</b>	<b>Business and Communication in Transitional Societies (Abroad)</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Continuation of GLC 2020. Three weeks of 1st Summer Session. Working in conjunction with international students from partner university, GLC students finalize research begun in GLC 2020, prepare appropriate documents and reports, and make final presentation to clients.									
INST	INST	<b>GLC</b>	<b>3010</b>	<b>Global Economic Trends and Strategic Alliances</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GLC 2030 or (GLC 203 and 204 and 205)						
		COURSE DESC:		Focuses on how strategic alliances are shaping and changing economic and political relations among the countries of the world, and the impact of such changes on society and culture. Research the development of bilateral trade relations, regional economic groups, and the growth and interdependency of global financial markets. Analysis of how such economic alliances are reflected in geopolitics and international diplomacy, and in cooperative global initiatives in such areas as natural resources, space exploration, education, and sports. Sample project: research global mergers, joint ventures, and alliances in the airline, automotive, and telecommunications industries.									
INST	INST	<b>GLC</b>	<b>3010</b>	<b>Global Economic Trends and Strategic Alliances</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GLC 2030 or (GLC 203 and 204 and 205)						
		COURSE DESC:		Focuses on how strategic alliances are shaping and changing economic and political relations among the countries of the world, and the impact of such changes on society and culture. Research the development of bilateral trade relations, regional economic groups, and the growth and interdependency of global financial markets. Analysis of how such economic alliances are reflected in geopolitics and international diplomacy, and in cooperative global initiatives in such areas as natural resources, space exploration, education, and sports. Sample project: research global mergers, joint ventures, and alliances in the airline, automotive, and telecommunications industries.									
INST	INST	<b>GLC</b>	<b>3020</b>	<b>Global Competition and Industry Trends</b>	LAB	LB	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	GLC 3010						
		COURSE DESC:		Understanding international trade and global industry structures by comparing and contrasting joint ventures, mergers, and acquisitions. Comparison of markets and industries to determine the advantages and disadvantages of global and cross-industry expansion, and assessment of strategies for entry into new markets or new industries. Broadly defined to include commercial products and services, not-for-profit initiatives in education, or social and economic development. Identification of target market/audience; analysis of competition or environmental assessment.									

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INST	INST	<b>GLC</b>	<b>3020</b>	<b>Global Competition and Industry Trends</b>	LEC	LE	4	0		N	U30		0
		ELIGIBLE GRADES:		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>4912</b>	<b>International Internship</b>	FLD	FE	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: 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>	IND	IS	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: 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>	RSC	RS	0 to 6	0		N	U30		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	<b>HIND</b>	<b>1120</b>	<b>Elementary Hindi-Urdu II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HIND 1110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	<b>HIND</b>	<b>2110</b>	<b>Intermediate Hindi-Urdu I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HIND 1120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	<b>HIND</b>	<b>2120</b>	<b>Intermediate Hindi-Urdu II</b>	LEC	LE	4	0	2CP	I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: HIND 2110 and permission required. Culture 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>HIND</b>	<b>2900</b>	<b>Special Topics in Hindi-Urdu</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>HIND</b>	<b>5110</b>	<b>Elementary Hindi-Urdu I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.									
INST	INST	<b>HIND</b>	<b>5120</b>	<b>Elementary Hindi-Urdu II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HIND 5110 Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: HIND 5120 Culture 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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>HIND</b>	<b>5220</b>	<b>Intermediate Hindi-Urdu II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
INST	INST	<b>HIND</b>	<b>5900</b>	<b>Special Topics in Hindi-Urdu</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
INST	INST	<b>HIND</b>	<b>5900</b>	<b>Special Topics in Hindi-Urdu</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
INST	INST	<b>INDO</b>	<b>1110</b>	<b>Elementary Indonesian/Malay I</b> ELIGIBLE GRADES: A-F COURSE DESC: Beginning course of 2 semester, 1st-year sequence.	LEC	LE	4	0	2CP	N	U10		0
INST	INST	<b>INDO</b>	<b>1120</b>	<b>Elementary Indonesian/Malay II</b> ELIGIBLE GRADES: A-F COURSE DESC: Second course of 2 semester, 1st-year sequence.	LEC	LE	4	0	2CP	N	U10		0
INST	INST	<b>INDO</b>	<b>2110</b>	<b>Intermediate Indonesian/Malaysian I</b> ELIGIBLE GRADES: A-F COURSE DESC: First course of two semester intermediate-level sequence.	LEC	LE	4	0	2CP	N	U30		0
INST	INST	<b>INDO</b>	<b>2120</b>	<b>Intermediate Indonesian II</b> ELIGIBLE GRADES: A-F COURSE DESC: Second course of two-semester intermediate-level sequence.	LEC	LE	4	0	2CP	N	U30		0
INST	INST	<b>INDO</b>	<b>2900</b>	<b>Special Topics in Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
INST	INST	<b>INDO</b>	<b>2900</b>	<b>Special Topics in Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
INST	INST	<b>INDO</b>	<b>3110</b>	<b>Advanced Indonesian I</b> ELIGIBLE GRADES: A-F COURSE DESC: Beginning course of advanced-level sequence.	LEC	LE	3	0		N	U30		0
INST	INST	<b>INDO</b>	<b>3120</b>	<b>Advanced Indonesian II</b> ELIGIBLE GRADES: A-F COURSE DESC: Final course of advanced-level sequence.	LEC	EL	3	0		N	U30		0
INST	INST	<b>INDO</b>	<b>3120</b>	<b>Advanced Indonesian II</b> ELIGIBLE GRADES: A-F COURSE DESC: Final course of advanced-level sequence.	LEC	LE	3	0		N	U30		0
INST	INST	<b>INDO</b>	<b>3930</b>	<b>Special Topics-Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Independent study of topic of interest in Indonesian/Malaysian language or literature. Permission required	IND	EL	1 to 4	4		I	U30		0
INST	INST	<b>INDO</b>	<b>3930</b>	<b>Special Topics-Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Independent study of topic of interest in Indonesian/Malaysian language or literature. Permission required	IND	IS	1 to 4	4		I	U30		0
INST	INST	<b>INDO</b>	<b>4900</b>	<b>Special Topics in Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
INST	INST	<b>INDO</b>	<b>4900</b>	<b>Special Topics in Indonesian</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
INST	INST	<b>INDO</b>	<b>5110</b>	<b>Elementary Indonesian/Malay I</b> ELIGIBLE GRADES: A-F, PR COURSE DESC: Beginning course of 2 semester, 1st-year sequence.	LEC	LE	4	0		N	G40		0

**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INDO</b>	<b>5120</b>	<b>Elementary Indonesian/Malay II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Second course of 2 semester, 1st-year sequence.									
INST	INST	<b>INDO</b>	<b>5210</b>	<b>Intermediate Indonesian/Malaysian I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		First course of two semester intermediate-level sequence.									
INST	INST	<b>INDO</b>	<b>5220</b>	<b>Intermediate Indonesian II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Second course of two-semester intermediate-level sequence.									
INST	INST	<b>INDO</b>	<b>5310</b>	<b>Advanced Indonesian I</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Beginning course of advanced-level sequence.									
INST	INST	<b>INDO</b>	<b>5320</b>	<b>Advanced Indonesian II</b>	LEC	EL	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Final course of advanced-level sequence.									
INST	INST	<b>INDO</b>	<b>5320</b>	<b>Advanced Indonesian II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR					REQUISITE:				
		COURSE DESC:		Final course of advanced-level sequence.									
INST	INST	<b>INDO</b>	<b>5900</b>	<b>Special Topics in Indonesian</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INDO</b>	<b>5900</b>	<b>Special Topics in Indonesian</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INDO</b>	<b>5930</b>	<b>Special Topics-Indonesian</b>	IND	EL	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		Independent study of topic of interest in Indonesian/Malaysian language or literature.									
INST	INST	<b>INDO</b>	<b>5930</b>	<b>Special Topics-Indonesian</b>	IND	IS	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR					REQUISITE:				
		COURSE DESC:		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>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		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>1001</b>	<b>Cross Cultural Preparation for Study Abroad</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		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>1100</b>	<b>Modern Africa</b>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		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>	LEC	EL	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>1114</b>	<b>Introduction to Southeast Asia</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to Latin America through geography, politics, sociology, economics, literature, and art. Special emphasis given to 20th-century issues, problems, and developments.									
INST	INST	<b>INST</b>	<b>2100</b>	<b>Africa's Children</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		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>2900</b>	<b>Special Topics in International Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>2900</b>	<b>Special Topics in International Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>3201</b>	<b>Focus on Malaysia</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Designed to enable the holder of the Tun Abdul Razak Chair to present his or her particular specialization. This means the content of the course could be different from year to year, depending on the discipline of the holder. The focus will be on Malaysia, as well as other parts of Southeast Asia.									
INST	INST	<b>INST</b>	<b>3904</b>	<b>Special Topics in African Languages and Literature</b>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		To develop communicative skills, oral and written, to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.									
INST	INST	<b>INST</b>	<b>3905</b>	<b>Special Topics in Intermediate African Languages and Literature</b>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on enhancing the communicative skills in African languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading and writing simple stories using standard African languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.									
INST	INST	<b>INST</b>	<b>3909</b>	<b>Special Topics in Southeast Asian Languages and Literature</b>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Designed to develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.									
INST	INST	<b>INST</b>	<b>3911</b>	<b>Special Topics in Intermediate Southeast Asian Languages and Literature</b>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Focuses on enhancing the communicative skills in Southeast Asian languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading, and writing simple stories using standard Southeast Asian languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.									
INST	INST	<b>INST</b>	<b>4900</b>	<b>Special Topics in International Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>4900</b>	<b>Special Topics in International Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		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>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>4910</b>	<b>Internship</b>	FLD	FE	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Permission required and INST major and (Soph or Jr or Sr) 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>	LEC	LE	4	0		I	U30		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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	IS	1 to 15	999		I	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Permission required Content varies by student.									
INST	INST	<b>INST</b>	<b>4950</b>	<b>War and Peace Studies Seminar</b>	SEM	EL	3	0	3	N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sr only 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>4950</b>	<b>War and Peace Studies Seminar</b>	SEM	SE	3	0	3	N	U30		50
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Sr only 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>5100</b>	<b>Readings in African Studies</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		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>5100</b>	<b>Readings in African Studies</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		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>5101</b>	<b>Seminar for the African Child</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		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>5200</b>	<b>Introduction to Southeast Asian Studies</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									

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INST	INST	<b>INST</b>	<b>5202</b>	<b>Tun Razak Seminar: Southeast Asia Studies</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		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.									
INST	INST	<b>INST</b>	<b>5300</b>	<b>Communications and Development Colloquium</b>	LEC	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		CR, F		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>5300</b>	<b>Communications and Development Colloquium</b>	LEC	LE	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		CR, F		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5400</b>	<b>Proseminar in International Development</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Study of literary periods, genres and movements, and the inherent liaison between literature, history, and culture.									
INST	INST	<b>INST</b>	<b>5500</b>	<b>Latin America Survey Through Literature</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Study of literary periods, genres and movements, and the inherent liaison between literature, history, and culture.									
INST	INST	<b>INST</b>	<b>5900</b>	<b>Special Topics in International Studies</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>5900</b>	<b>Special Topics in International Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>5901</b>	<b>Special Topics in Africa: Contemporary Issues in Africa</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thematic seminar on African issues current in the literature, human rights, gender, and religion.									
INST	INST	<b>INST</b>	<b>5901</b>	<b>Special Topics in Africa: Contemporary Issues in Africa</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thematic seminar on African issues current in the literature, media, and the arts.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>5902</b>	<b>Special Topics in Africa: Literature, Media, and the Arts</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Thematic seminar on African issues current in the literature, politics, development concerns, and health policies.									
INST	INST	<b>INST</b>	<b>5903</b>	<b>Special Topics in Africa</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Permission required 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>	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Permission required 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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Addresses contemporary issues in the region.									
INST	INST	<b>INST</b>	<b>5906</b>	<b>Special Topics in Southeast Asian Studies: Contemporary Issues in Southeast Asia</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Undertakes cultural analysis through analysis of a variety of media.									
INST	INST	<b>INST</b>	<b>5907</b>	<b>Special Topics in Southeast Asian Studies: Cultural Analysis Through Media</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>5908</b>	<b>Special Topics in Southeast Asian Studies</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Permission required 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>	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Permission required 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>	LEC	EL	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>5912</b>	<b>Special Topics in Communications and Development:International Development &amp; Technical Cooperation</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Examines trends in international development aid and technical cooperation with an emphasis on how those trends shape international development practice and application. Includes hands-on training on proposal writing for international development, monitoring and evaluation, and logical frame planning.	LEC	LE	4	0		N	G40		0
INST	INST	<b>INST</b>	<b>5913</b>	<b>Special Topics in Communications and Development: Research Tools for Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Explores new and emerging research tools used in social development, and focuses on skills development and application.	LEC	EL	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5913</b>	<b>Special Topics in Communications and Development: Research Tools for Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Explores new and emerging research tools used in social development, and focuses on skills development and application.	LEC	LE	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5914</b>	<b>Special Topics in Communications and Development: Media Production and International Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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	LEC	EL	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5914</b>	<b>Special Topics in Communications and Development: Media Production and International Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: 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	LEC	LE	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5915</b>	<b>Special Topics in International Development Studies: Development Practice</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Examines contemporary development practice and evaluates contemporary methodologies to design, implement, monitor, and evaluate development policies, programs, and interventions	LEC	EL	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5915</b>	<b>Special Topics in International Development Studies: Development Practice</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Examines contemporary development practice and evaluates contemporary methodologies to design, implement, monitor, and evaluate development policies, programs, and interventions	LEC	LE	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5916</b>	<b>Special Topics in International Development Studies:Health and International Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Development research examining environmental dimensions of international development.	LEC	EL	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5916</b>	<b>Special Topics in International Development Studies:Health and International Development</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Development research examining environmental dimensions of international development.	LEC	LE	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5917</b>	<b>Special Topics in International Development Studies</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Development research examining relationship between human health and international development.	LEC	EL	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5917</b>	<b>Special Topics in International Development Studies</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Development research examining relationship between human health and international development.	LEC	LE	4	8		N	G40		0
INST	INST	<b>INST</b>	<b>5918</b>	<b>Special Topics in Latin American Studies: Contemporary Issues in Latin America</b> ELIGIBLE GRADES: A-F, CR, PR REQUISITE: COURSE DESC: Research relevant to the region engaging in, but not limited to, interpretative analysis of thematic materials, that allow students to focus on one or more of the region's idiosyncrasies.	LEC	EL	4	8		N	G40		0

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>5918</b>	<b>Special Topics in Latin American Studies: Contemporary Issues in Latin America</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Targets cultural analysis through interaction with a variety of media.									
INST	INST	<b>INST</b>	<b>5919</b>	<b>Special Topics in Latin American Studies: Latin American Culture Through Media</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Addresses contemporary issues in the region.									
INST	INST	<b>INST</b>	<b>5921</b>	<b>Special Topics in Latin American Studies</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Addresses contemporary issues in the region.									
INST	INST	<b>INST</b>	<b>6900</b>	<b>Special Topics in International Studies</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>6900</b>	<b>Special Topics in International Studies</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>INST</b>	<b>6901</b>	<b>Special Topics in International Studies</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides International Studies majors with an interdisciplinary examination of international issues that include, but are not limited to, issues such as international health, international economics and trade, international security, foreign aid and development issues, globalization, international cultural institutions, religion in world affairs, global history and politics, and culture.									
INST	INST	<b>INST</b>	<b>6901</b>	<b>Special Topics in International Studies</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Provides International Studies majors with an interdisciplinary examination of international issues that include, but are not limited to, issues such as international health, international economics and trade, international security, foreign aid and development issues, globalization, international cultural institutions, religion in world affairs, global history and politics, and culture.									
INST	INST	<b>INST</b>	<b>6902</b>	<b>Special Topics in International Studies</b>	LEC	EL	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>6902</b>	<b>Special Topics in International Studies</b>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		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>	LEC	LE	4	8		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:	Permission required						
		COURSE DESC:		Serves as a 3rd- year African language study. Complete intermediate level of appropriate language as approved by instructor.									
INST	INST	<b>INST</b>	<b>6910</b>	<b>Internship</b>	FLD	FE	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Permission required						
		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>	LEC	LE	4	8		N	G40		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>INST</b>	<b>6920</b>	<b>Communication &amp; Development Service Learning Project</b>	PRA	PR	4	8		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: 2nd year comdev studies major only 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	EL	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Study of topic of student's choice under guidance of faculty member.									
INST	INST	<b>INST</b>	<b>6930</b>	<b>Independent Study</b>	IND	IS	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Study of topic of student's choice under guidance of faculty member.									
INST	INST	<b>INST</b>	<b>6940</b>	<b>Professional Project</b>	RSC	RS	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Permission required 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>	THE	TH	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: 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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	<b>KHMR</b>	<b>1120</b>	<b>Elementary Khmer II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: KHMR 1110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	<b>KHMR</b>	<b>2110</b>	<b>Intermediate Khmer I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: KHMR 1120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	<b>KHMR</b>	<b>2120</b>	<b>Intermediate Khmer II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: KHMR 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 Khmer speakers.									
INST	INST	<b>KHMR</b>	<b>2900</b>	<b>Special Topics in Khmer</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>KHMR</b>	<b>2900</b>	<b>Special Topics in Khmer</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>KHMR</b>	<b>5110</b>	<b>Elementary Khmer I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									
INST	INST	<b>KHMR</b>	<b>5120</b>	<b>Elementary Khmer II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: KHMR 5110 Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: KHMR 5120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>KHMR</b>	<b>5220</b>	<b>Intermediate Khmer II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
				REQUISITE: KHMR 5210									
INST	INST	<b>KHMR</b>	<b>5900</b>	<b>Special Topics in Khmer</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
INST	INST	<b>KHMR</b>	<b>5900</b>	<b>Special Topics in Khmer</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0
INST	INST	<b>KIKU</b>	<b>1110</b>	<b>Elementary Kikuyu I</b> ELIGIBLE GRADES: 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 Kikuyu speakers.	LEC	LE	4	0	2CP	N	U30		0
INST	INST	<b>KIKU</b>	<b>1120</b>	<b>Elementary Kikuyu II</b> ELIGIBLE GRADES: 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 Kikuyu speakers.	LEC	LE	4	0	2CP	N	U30		0
				REQUISITE: KIKU 1100									
INST	INST	<b>KIKU</b>	<b>2110</b>	<b>Intermediate Kikuyu I</b> ELIGIBLE GRADES: 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 Kikuyu speakers.	LEC	LE	4	0	2CP	N	U30		0
				REQUISITE: KIKU 1120									
INST	INST	<b>KIKU</b>	<b>2120</b>	<b>Intermediate Kikuyu II</b> ELIGIBLE GRADES: 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 Kikuyu speakers.	LEC	LE	4	0	2CP	N	U30		0
				REQUISITE: KIKU 2110									
INST	INST	<b>KIKU</b>	<b>2900</b>	<b>Special Topics in Kikuyu</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
INST	INST	<b>KIKU</b>	<b>2900</b>	<b>Special Topics in Kikuyu</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
INST	INST	<b>KIKU</b>	<b>5110</b>	<b>Elementary Kikuyu I</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
INST	INST	<b>KIKU</b>	<b>5120</b>	<b>Elementary Kikuyu II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
				REQUISITE: KIKU 5110									
INST	INST	<b>KIKU</b>	<b>5210</b>	<b>Intermediate Kikuyu I</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
				REQUISITE: KIKU 5120									
INST	INST	<b>KIKU</b>	<b>5220</b>	<b>Intermediate Kikuyu II</b> ELIGIBLE GRADES: A-F, 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.	LEC	LE	4	0		N	G40		0
				REQUISITE: KIKU 5210									
INST	INST	<b>KIKU</b>	<b>5900</b>	<b>Special Topics in Kikuyu</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	G40		0
INST	INST	<b>KIKU</b>	<b>5900</b>	<b>Special Topics in Kikuyu</b> ELIGIBLE GRADES: A-F, CR, PR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	G40		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>SETS</b>	<b>1110</b>	<b>Elementary Setswana I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This is an introductory Setswana course that aims to develop the four language skills: speaking, listening, writing, and reading. Students will also be exposed to the Southern African culture and particularly Botswana culture. A blend of interactive and structural approaches will be used to equip the learners with the relevant skills to communicate and survive in diverse contexts in the Southern African region using Setswana.									
INST	INST	<b>SETS</b>	<b>5110</b>	<b>Elementary Setswana I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This is an introductory Setswana course that aims to develop the four language skills: speaking, listening, writing, and reading. Students will also be exposed to the Southern African culture and particularly Botswana culture. A blend of interactive and structural approaches will be used to equip the learners with the relevant skills to communicate and survive in diverse contexts in the Southern African region using Setswana.									
INST	INST	<b>SOMA</b>	<b>1110</b>	<b>Elementary Somali I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>1120</b>	<b>Elementary Somali II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOMA 1110						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>2110</b>	<b>Intermediate Somali I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOMA 1120						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>2120</b>	<b>Intermediate Somali II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SOMA 2110						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>2900</b>	<b>Special Topics in Somali</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SOMA</b>	<b>2900</b>	<b>Special Topics in Somali</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SOMA</b>	<b>5110</b>	<b>Elementary Somali I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:							
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>5120</b>	<b>Elementary Somali II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	SOMA 5110						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>5210</b>	<b>Intermediate Somali I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	SOMA 5120						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>5220</b>	<b>Intermediate Somali II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		REQUISITE:	SOMA 5210						
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.									
INST	INST	<b>SOMA</b>	<b>5900</b>	<b>Special Topics in Somali</b>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SOMA</b>	<b>5900</b>	<b>Special Topics in Somali</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>SUDN</b>	<b>1110</b>	<b>Elementary Sudanese Arabic I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.									
INST	INST	<b>SUDN</b>	<b>1120</b>	<b>Elementary Sudanese Arabic II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SUDN</b>	<b>2900</b>	<b>Special Topics in Sudanese</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SUDN</b>	<b>5110</b>	<b>Elementary Sudanese Arabic I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR		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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>SUDN</b>	<b>5900</b>	<b>Special Topics in Sudanese</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
INST	INST	<b>T3</b>	<b>4103</b>	<b>Undergraduate Service-Learning in Ecuador</b>	LEC	EL	5	0	3	I	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Sr only and permission required. Previous volunteer experience recommended						
		COURSE DESC:		This class takes place in Ecuador and introduces students to the concept of global service-learning. Students learn about different models and philosophies of service-learning and work collaboratively on a community-identified service project in an under-resourced community in Ecuador. Students explore what it means to be a global citizen and gain an understanding of service-learning in local and international contexts. Students engage in critical thinking about community development, civic engagement, power, privilege, and poverty and how these themes relate to global service-learning.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>T3</b>	<b>4103</b>	<b>Undergraduate Service-Learning in Ecuador</b>	LEC	LE	5	0	3	I	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Sr only and permission required. Previous volunteer experience recommended 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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>1120</b>	<b>Elementary Thai II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAI 1110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>2110</b>	<b>Intermediate Thai I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAI 1120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>2120</b>	<b>Intermediate Thai II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAI 2110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>2900</b>	<b>Special Topics in Thai</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>THAI</b>	<b>2900</b>	<b>Special Topics in Thai</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>THAI</b>	<b>3110</b>	<b>Advanced Thai I</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAI 2120 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>3120</b>	<b>Advanced Thai II</b>	LEC	LE	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: THAI 3110 Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>4900</b>	<b>Special Topics in Thai</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>THAI</b>	<b>4900</b>	<b>Special Topics in Thai</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
INST	INST	<b>THAI</b>	<b>5110</b>	<b>Elementary Thai I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.									
INST	INST	<b>THAI</b>	<b>5120</b>	<b>Elementary Thai II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAI 5110 Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAI 5120 Culture 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	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>THAI</b>	<b>5220</b>	<b>Intermediate Thai II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAI 5210									
				Culture 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>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAI 5220									
				Culture 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>5320</b>	<b>Advanced Thai II</b>	LEC	LE	3	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: THAI 5310 or (531 and 532)									
				Culture 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>THAI</b>	<b>5900</b>	<b>Special Topics in Thai</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>VIET</b>	<b>1110</b>	<b>Elementary Vietnamese I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	<b>VIET</b>	<b>1120</b>	<b>Elementary Vietnamese II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: VIET 1110									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	<b>VIET</b>	<b>2110</b>	<b>Intermediate Vietnamese I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: VIET 1120									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	<b>VIET</b>	<b>2120</b>	<b>Intermediate Vietnamese II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: VIET 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 Vietnamese speakers.									
INST	INST	<b>VIET</b>	<b>2900</b>	<b>Special Topics in Vietnamese</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>VIET</b>	<b>2900</b>	<b>Special Topics in Vietnamese</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>VIET</b>	<b>5110</b>	<b>Elementary Vietnamese I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									
INST	INST	<b>VIET</b>	<b>5120</b>	<b>Elementary Vietnamese II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: VIET 5110									
				Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: VIET 5120									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.									



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INST	INST	<b>VIET</b>	<b>5220</b>	<b>Intermediate Vietnamese II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: VIET 5210									
				Culture 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>VIET</b>	<b>5900</b>	<b>Special Topics in Vietnamese</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>WOL</b>	<b>1110</b>	<b>Elementary Wolof I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	<b>WOL</b>	<b>1120</b>	<b>Elementary Wolof II</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WOL 1110									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	<b>WOL</b>	<b>2110</b>	<b>Intermediate Wolof I</b>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WOL 1120 or 113									
				Culture 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>	LEC	LE	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WOL 2110 or 211 or 212 or 304									
				Culture 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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>WOL</b>	<b>2900</b>	<b>Special Topics in Wolof</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>WOL</b>	<b>5110</b>	<b>Elementary Wolof I</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE:									
				Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.									
INST	INST	<b>WOL</b>	<b>5120</b>	<b>Elementary Wolof II</b>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: WOL 5110									
				Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: WOL 5120									
				Culture 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>	LEC	LE	4	0		N	G40		0
		ELIGIBLE GRADES:		A-F, PR									
		COURSE DESC:		REQUISITE: WOL 5210									
				Culture 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>	LEC	EL	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
INST	INST	<b>WOL</b>	<b>5900</b>	<b>Special Topics in Wolof</b>	LEC	LE	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									

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OST	CLIN	<b>OCOM</b>	<b>8001</b>	<b>Osteopathic Family Medicine 1</b>	CLN	CL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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	CLIN	<b>OCOM</b>	<b>8010</b>	<b>Introduction to Family Medicine</b>	CLN	CL	8	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Year 3 or 4 Osteopathic Medical Student Introduction to 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 practitioner's role as the physician of first contact who delivers holistic, family-oriented, comprehensive, continuous medical care to patients entering the health care system; enhance history and physical exam, diagnostic, procedural, OMT, interpersonal communication, psychosocial, and practice management skills to improve patient care; develop greater confidence in providing traditional quality medical care in ambulatory settings.									
OST	CLIN	<b>OCOM</b>	<b>8020</b>	<b>Emergency Medicine</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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	CLIN	<b>OCOM</b>	<b>8040</b>	<b>Pediatrics</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8050</b>	<b>Women's Health</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8060</b>	<b>Psychiatry</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8070</b>	<b>Palliative Care</b>	CLN	CL	2 to 4	4		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Year 3 or 4 Osteopathic Medical Student 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	CLIN	<b>OCOM</b>	<b>8100</b>	<b>General Internal Medicine</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8101</b>	<b>Internal Medicine Subspecialty - Adolescent Medicine</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8102</b>	<b>Internal Medicine Subspecialty - Allergy/Immunology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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.									

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OST	CLIN	<b>OCOM</b>	<b>8103</b>	<b>Internal Medicine Subspecialty - Cardiology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8104</b>	<b>Internal Medicine Subspecialty - Endocrinology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8105</b>	<b>Internal Medicine Subspecialty - Gastroenterology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8106</b>	<b>Internal Medicine Subspecialty - Geriatrics</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8107</b>	<b>Internal Medicine Subspecialty - Hematology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8108</b>	<b>Internal Medicine Subspecialty - Hospital Medicine</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8109</b>	<b>Internal Medicine Subspecialty - Infectious Disease</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8110</b>	<b>Internal Medicine Subspecialty - Nephrology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0
OST	CLIN	<b>OCOM</b>	<b>8111</b>	<b>Internal Medicine Subspecialty - Oncology</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	4 to 8	8		N	M60		0

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OST	CLIN	<b>OCOM</b>	<b>8112</b>	<b>Internal Medicine Subspecialty - Pulmonology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8113</b>	<b>Internal Medicine Subspecialty - Rheumatology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8114</b>	<b>Internal Medicine Subspecialty - Sports Medicine</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8115</b>	<b>Internal Medicine Subspecialty - Critical Care/ICU</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8116</b>	<b>Internal Medicine Subspecialty - General Internal Medicine</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: 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	CLIN	<b>OCOM</b>	<b>8117</b>	<b>Internal Medicine Subspecialty Selective - House Nights</b>	CLN	CL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Year 3 or 4 Osteopathic Medical Student 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	CLIN	<b>OCOM</b>	<b>8117</b>	<b>Internal Medicine Subspecialty Selective - House Nights</b>	CLN	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Year 3 or 4 Osteopathic Medical Student 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	CLIN	<b>OCOM</b>	<b>8118</b>	<b>Internal Medicine Subspecialty - Sleep Medicine</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Year 3 or 4 Osteopathic Medical Student After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in internal medicine specialties approved by the American Board of Internal Medicine. Recently the board has added sleep medicine to the list of subspecialties for which they provide certification; Heritage College would like to add a course in Sleep Medicine to the rotations available to osteopathic medical students for IM selective rotations.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8119</b>	<b>Internal Medicine Subspecialty - Hospice and Palliative Medicine</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
		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	CLIN	<b>OCOM</b>	<b>8140</b>	<b>General Surgery</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8141</b>	<b>Selective Surgery - General Surgery</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		Students are required to select four weeks of surgical subspecialty rotation(s) to supplement/complement the basic required four-week General Surgery (OCOM 8140) rotation. No more than 12 weeks may be spent in surgical rotations (excluding OCOM 8140). Surgical subspecialties may be completed in either 2 two-week rotations or 1 four-week rotation.									
OST	CLIN	<b>OCOM</b>	<b>8142</b>	<b>Selective Surgery - Ophthalmology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8143</b>	<b>Selective Surgery - Breast</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8144</b>	<b>Selective Surgery - Cardiothoracic</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8145</b>	<b>Selective Surgery - Neurological</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8146</b>	<b>Selective Surgery - Obstetrics and Gynecology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8147</b>	<b>Selective Surgery - Oncologic</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8148</b>	<b>Selective Surgery - Orthopedics</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8149</b>	<b>Selective Surgery - Otorhinolaryngology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8150</b>	<b>Selective Surgery - Plastic and Reconstructive</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8151</b>	<b>Selective Surgery - Proctology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8152</b>	<b>Selective Surgery - Trauma</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8153</b>	<b>Selective Surgery - Urology</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8154</b>	<b>Selective Surgery - Vascular</b>	CLN	CL	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8200</b>	<b>Elective - Anesthesiology</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8201</b>	<b>Elective - Aerospace Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		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	CLIN	<b>OCOM</b>	<b>8203</b>	<b>Elective - Cardiology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8204</b>	<b>Elective - Cardiovascular, Vascular and Thoracic Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8205</b>	<b>Elective - Dermatology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8206</b>	<b>Elective - Otorhinolaryngology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8207</b>	<b>Elective - Emergency Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8208</b>	<b>Elective - Family Medicine</b>	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8209</b>	<b>Elective - General Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8210</b>	<b>Elective - Hematology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8211</b>	<b>Elective - General Internal Medicine</b>	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8212</b>	<b>Elective - Neonatology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8213</b>	<b>Elective - Nephrology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8215</b>	<b>Elective - Nuclear Medicine</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8216</b>	<b>Elective - Obstetrics and Gynecology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8217</b>	<b>Elective - Oncology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8218</b>	<b>Elective - Ophthalmology</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8219</b>	<b>Elective - Osteopathic Manipulative Medicine</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8220</b>	<b>Elective - Orofacial Plastic Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8221</b>	<b>Elective - Orthopedic Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8222</b>	<b>Elective - Laboratory Medicine/Pathology</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8223</b>	<b>Elective - Pediatrics</b>	CLN	CL	4 to 56	56		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8224</b>	<b>Elective - Physical Medicine and Rehabilitation</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8225</b>	<b>Elective - Proctology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8226</b>	<b>Elective - Psychology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8227</b>	<b>Elective - Pulmonary Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8228</b>	<b>Elective - Radiology</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8229</b>	<b>Elective - Rheumatology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8231</b>	<b>Elective - Urology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8233</b>	<b>Elective - Maternal Fetal Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8238</b>	<b>Elective - Trauma</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8239</b>	<b>Elective - Critical Care Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8240</b>	<b>Elective - Gastroenterology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8241</b>	<b>Elective - Podiatry</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8242</b>	<b>Elective - Oral Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8243</b>	<b>Elective - Sports Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8244</b>	<b>Elective - Infectious Disease</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8245</b>	<b>Elective - Allergy/Immunology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8246</b>	<b>Elective - Geriatric Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8247</b>	<b>Elective - Plastic/Reconstructive Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8248</b>	<b>Elective - Endocrinology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8250</b>	<b>Elective - Sleep Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8251</b>	<b>Elective - Urgent Care</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8252</b>	<b>Elective - Acupuncture</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time									
OST	CLIN	<b>OCOM</b>	<b>8253</b>	<b>Elective - Pain Management</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8254</b>	<b>Elective - Pharmacology</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8255</b>	<b>Elective - Dentistry</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8256</b>	<b>Elective - EKG Reading</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8257</b>	<b>Elective - Addiction Medicine</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8258</b>	<b>Elective - Palliative Care</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8259</b>	<b>Elective - Wound Care</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8260</b>	<b>Elective - Psychiatry</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8261</b>	<b>Elective - Hospital Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8262</b>	<b>Elective - House Nights</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8263</b>	<b>Elective- Hematology/Oncology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8264</b>	<b>Elective-Gynecology Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Offered only to OUCOM 3rd and 4th Year students						
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, addiction medicine, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	CLIN	<b>OCOM</b>	<b>8265</b>	<b>Elective- Women's Health</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8266</b>	<b>Elective- Forensic Pathology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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	CLIN	<b>OCOM</b>	<b>8267</b>	<b>Elective - Gynecologic Oncology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Offered only to OUCOM 3rd and 4th Year students						
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8268</b>	<b>Elective - Breast Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8269</b>	<b>Elective - Urogynecology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8270</b>	<b>Elective - Humanistic Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8271</b>	<b>Elective - Neurosurgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8272</b>	<b>Elective - Occupational Medicine</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8273</b>	<b>Elective - Pediatric Subspecialties</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8275</b>	<b>Elective - Bariatrics</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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	CLIN	<b>OCOM</b>	<b>8276</b>	<b>Elective- Ultrasound</b>	CLN	CL	2 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	CLIN	<b>OCOM</b>	<b>8278</b>	<b>Elective - Student Health</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F			REQUISITE: Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for college students on a clinical rotation, for example at Campus Care on the Ohio University campus. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.									
OST	CLIN	<b>OCOM</b>	<b>8278</b>	<b>Elective - Student Health</b>	CLN	EL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F			REQUISITE: Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for college students on a clinical rotation, for example at Campus Care on the Ohio University campus. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.									
OST	CLIN	<b>OCOM</b>	<b>8280</b>	<b>Elective in Osteopathic Medicine - Neurology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F			REQUISITE: Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		Elective courses offer opportunities for the 3rd and 4th year student to attain knowledge and skill in one of more areas of special interest related to his/her development as a future osteopathic family physician. This course offers an opportunity for students to attain skill in caring for patients with neurological disorders. The student's knowledge will be enhanced by direct patient care experiences and didactic lectures.									
OST	CLIN	<b>OCOM</b>	<b>8300</b>	<b>Osteopathic Family Medicine 2</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F			REQUISITE:						
		COURSE DESC:		This required four-week clinical course reflects content that builds on and is sequential to the 3rd year level courses (OCOM 8000 and 8001). It is designed to give hands-on experiences to 4th year students in the medical management of common disease processes encountered in general family practice with patients of all ages.									
OST	CLIN	<b>OCOM</b>	<b>8500</b>	<b>Elective Not for Credit</b>	CLN	CL	0	99		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F			REQUISITE:						
		COURSE DESC:		Students may take this course and use their vacation time in order to obtain experience and exposure to a variety of medical fields and preceptors without receiving credit toward graduation requirements.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>6000</b>	<b>Osteopathic Clinical Anatomy Orientation</b>	LAB	LB	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students The Osteopathic Clinical Anatomy Orientation allows all entering OU-COM students, regardless of their curricular track, to begin their training together, immersed for roughly four weeks in clinically-oriented study of human gross anatomy, with an integrated introduction to osteopathic manipulative medicine and evidence-based medicine. At the core of the course are the laboratory activities. Students will participate in 4 three-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. 1 to 2 one hour Anatomy/Palpation labs will occur each week to correlate with the anatomy dissections and landmark identification. Wednesdays are spent in the OMM lab with an introduction to relevant osteopathic manipulative diagnostic skills. A few key lectures will provide background for the laboratory studies and provide an introduction to evidence-based medicine.									
OST	OST	<b>OCOM</b>	<b>6002</b>	<b>Introduction to Primary Care Medicine</b>	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: First year Heritage College Medical Students Students will be introduced to important concepts and principles of patient-centered primary care medicine & first contact, comprehensive, coordinated, continuing, and in the context of family and community. Individual classes will teach these concepts via: doctor-patient communication, multicultural medicine, evidence-based medicine, osteopathic manipulative medicine, team-based care, health care systems, physiology, pharmacology, patient safety, quality improvement, clinical decision support, behavior change, preventive medicine, and medical decision-making. This course will also introduce and develop clinical reasoning skills through participation in standardized patient and osteopathic manipulative medicine labs, and interactive learning experiences.									
OST	OST	<b>OCOM</b>	<b>6005</b>	<b>Well Patient</b>	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This two-week course will provide a foundation of basic science and clinical knowledge to prepare students for further study in the year 1 and 2 curriculum. This block will also introduce and develop clinical reasoning skills through participation in Case Based Learning (CBL) groups and Synthesis and Integration (S&I) sessions									
OST	OST	<b>OCOM</b>	<b>6005</b>	<b>Well Patient</b>	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This two-week course will provide a foundation of basic science and clinical knowledge to prepare students for further study in the year 1 and 2 curriculum. This block will also introduce and develop clinical reasoning skills through participation in Case Based Learning (CBL) groups and Synthesis and Integration (S&I) sessions									
OST	OST	<b>OCOM</b>	<b>6010</b>	<b>Musculoskeletal</b>	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6010</b>	<b>Musculoskeletal</b>	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6015</b>	<b>Blood</b>	LEC	EL	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6015</b>	<b>Blood</b>	LEC	LE	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This three-week course will introduce students to: the hematological components & principles with emphasis on anemia; the processes of hemostasis & thrombosis; the pharmacological agents, nutritional influences, epidemiological principles, & preventive medicine/public health issues relevant to the items above; communication skills important in the doctor-patient relationship, psychosocial skills fundamental in caring for the whole person; & to clinical reasoning skills through Synthesis and Integration (S&I) sessions.									



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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>6020</b>	<b>Infection and Immunity</b>	LEC	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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.									
OST	OST	<b>OCOM</b>	<b>6020</b>	<b>Infection and Immunity</b>	LEC	LE	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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.									
OST	OST	<b>OCOM</b>	<b>6021</b>	<b>Biomedical Science 1</b>	SEM	SE	11	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This sixteen-week course is the first in a series that serves to foster the integration of basic science material with clinical science issues. In essence there are three main components of these courses: clinical case study, formal laboratory sessions, and problem sets. Small group discussion sessions using clinical case studies serve as the focus of the courses. In addition, formal laboratory sessions in Gross Anatomy and Microanatomy are designed to explore the relationships between form and function in a clinically relevant setting. Finally, Biomedical Science Problem Sets further supplement material covered during the small group discussion process, providing students with opportunities to interact with content experts throughout the biomedical science disciplines.									
OST	OST	<b>OCOM</b>	<b>6025</b>	<b>Cardiovascular</b>	LEC	EL	6	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6025</b>	<b>Cardiovascular</b>	LEC	LE	6	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>6030</b>	<b>Respiratory</b>	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6030</b>	<b>Respiratory</b>	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6031</b>	<b>Biomedical Science 2</b>	SEM	SE	12	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This twenty-week course is the second in a series of courses that serve to foster the integration of basic science material with clinical science issues. In essence there are three main components of these courses: clinical case study, formal laboratory sessions, and problem sets. Small group discussion sessions using clinical case studies serve as the focus of the courses. In addition, formal laboratory sessions in Gross Anatomy and Microanatomy are designed to explore the relationships between form and function in a clinically relevant setting. Finally, Biomedical Science Problem Sets further supplement material covered during the small group discussion process, providing students with opportunities to interact with content experts throughout the biomedical science disciplines.									
OST	OST	<b>OCOM</b>	<b>6035</b>	<b>Gastrointestinal</b>	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6035</b>	<b>Gastrointestinal</b>	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students 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>6040</b>	<b>Urogenital Tract</b>	LEC	LE	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 1st Year students This five-week Urogenital Course is designed to facilitate medical student learning about the normal and disease conditions affecting the urogenital tract. Through independent study of learning topics and by participating in the learning activities of the block, medical students will develop an understanding of the following areas: anatomy and development of the urinary system and the male and female genitalia; renal function, electrolyte control and clearance; renal acid-base physiology; endocrinology of the renal system; patient history and physical exam findings related to renal/urinary tract problems and male reproductive problems; diagnostic tools for urinary tract diseases; management of renal disease; pharmacological treatment of urinary system diseases; hypertension; renal calculi; renal failure; renal transplantation; toxicology and the renal system; benign and malignant neoplasms of the testes, prostate, kidney, and bladder; conditions giving rise to incontinence; infectious diseases of the urogenital tract; function and dysfunction of the male urogenital tract; basic endocrinology of the male reproductive system; and diagnostic tools for male reproductive problems.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>6080</b>	<b>Clinical Skills 1</b>	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 1st Year students</p> <p>This sixteen-week course is the first in a series in which osteopathic medical students learn the fundamentals of the following clinical skills:</p> <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, 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).</p>									
OST	OST	<b>OCOM</b>	<b>6081</b>	<b>Fundamentals in Clinical Osteopathic Medicine 1</b>	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 1st Year students</p> <p>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&amp;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.</p> <p>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.</p> <p>The OMM lab component for this course is taught to PCC students in conjunction with the students in the CPC curriculum.</p> <p>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.</p>									
OST	OST	<b>OCOM</b>	<b>6086</b>	<b>Fundamentals in Clinical Osteopathic Medicine 2</b>	LAB	LB	9	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 1st Year students</p> <p>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 2 is a twenty-week course. The focus is on History and Physical (H&amp;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.</p> <p>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.</p> <p>The OMM lab component for this course is taught to PCC students in conjunction with the students in the CPC curriculum.</p> <p>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.</p>									
OST	OST	<b>OCOM</b>	<b>6090</b>	<b>Clinical Skills 2</b>	LAB	LB	9	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 1st Year students</p> <p>This twenty-week course expands on student's mastery of the clinical skills outlined in OCOM 6510:</p> <p>This course is the second in a series in which osteopathic medical students learn the fundamentals of the following clinical skills:</p> <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, 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).</p>									
OST	OST	<b>OCOM</b>	<b>6900</b>	<b>Special Topics in Osteopathic Medicine</b>	LEC	EL	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		<p>REQUISITE: Specific course content will vary with offering.</p>									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>6900</b>	<b>Special Topics in Osteopathic Medicine</b>	LEC	LE	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
OST	OST	<b>OCOM</b>	<b>7000</b>	<b>Neurology</b>	LEC	EL	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 2nd Year students 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>7000</b>	<b>Neurology</b>	LEC	LE	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 2nd Year students 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>7005</b>	<b>Eyes, Ears, Nose and Throat (EENT)</b>	LEC	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 2nd Year students 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>7005</b>	<b>Eyes, Ears, Nose and Throat (EENT)</b>	LEC	LE	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 2nd Year students 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									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>7006</b>	<b>Biomedical Science 3</b>	SEM	SE	10	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This sixteen-week course is the first a series of courses that serve to continue the integration of basic science material with clinical science issues. As in year 1, small group discussion sessions using clinical case studies serve as the focus of the courses. In addition, graded and non-graded mandatory activities, such as the Brain Anatomy Labs and Biomedical Science Problem Sets, are designed to supplement material covered during the small group discussion process, providing students with hands-on opportunities to understand the relationships between form and function, and encouraging exchange of ideas with content experts throughout the biomedical science disciplines.									
OST	OST	<b>OCOM</b>	<b>7010</b>	<b>Psychiatric</b>	LEC	EL	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Psychiatric course is designed as a comprehensive introduction to psychiatry across the lifespan. Emphasis is placed on the major psychiatric disorders, including: their neuro-chemical basis, assessment, diagnosis, evidenced-based treatments including the pharmacology and clinical utilization of all classes of psychotropic medications as well as psychological interventions.									
				The course is divided into three weekly modules: Anxiety Disorders, Mood and Childhood Disorders, and Psychotic/Personality Disorders. Students are expected to do significant outside reading based upon assignment for each learning topic and activity. Real patient interviews and case studies are utilized to assist the student in experiencing the reality and learning the distinguishing features of these disorders. Case vignettes will be utilized in problem sets and an extensive review prior to the NBME Psychiatry Subject Exam final.									
OST	OST	<b>OCOM</b>	<b>7010</b>	<b>Psychiatric</b>	LEC	LE	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Psychiatric course is designed as a comprehensive introduction to psychiatry across the lifespan. Emphasis is placed on the major psychiatric disorders, including: their neuro-chemical basis, assessment, diagnosis, evidenced-based treatments including the pharmacology and clinical utilization of all classes of psychotropic medications as well as psychological interventions.									
				The course is divided into three weekly modules: Anxiety Disorders, Mood and Childhood Disorders, and Psychotic/Personality Disorders. Students are expected to do significant outside reading based upon assignment for each learning topic and activity. Real patient interviews and case studies are utilized to assist the student in experiencing the reality and learning the distinguishing features of these disorders. Case vignettes will be utilized in problem sets and an extensive review prior to the NBME Psychiatry Subject Exam final.									
OST	OST	<b>OCOM</b>	<b>7015</b>	<b>Endocrinology and Metabolism</b>	LEC	EL	6	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This five-week Endocrinology and Metabolism course presents an opportunity for students to delve into the major endocrine systems in the body, including the pituitary, thyroid, parathyroid adrenal and pancreatic glands. Students explore the regulatory mechanisms of the hormones secreted by these glands and the metabolic effects elicited by these hormones. A major focus of the course is the clinical relevance of hormonal signaling on bone metabolism, growth, and carbohydrate, lipid and amino acid metabolism. Hormonal control under normal physiological conditions is contrasted with disease states such as electrolyte imbalance, growth disorders, weight homeostasis and diabetes. By the end of this course, students will integrate and understand the underlying mechanisms by which these hormones act and how these signals are interpreted by tissues such as liver, bone, adipose, and muscle to coordinate metabolic changes in the body.									
OST	OST	<b>OCOM</b>	<b>7015</b>	<b>Endocrinology and Metabolism</b>	LEC	LE	6	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This five-week Endocrinology and Metabolism course presents an opportunity for students to delve into the major endocrine systems in the body, including the pituitary, thyroid, parathyroid adrenal and pancreatic glands. Students explore the regulatory mechanisms of the hormones secreted by these glands and the metabolic effects elicited by these hormones. A major focus of the course is the clinical relevance of hormonal signaling on bone metabolism, growth, and carbohydrate, lipid and amino acid metabolism. Hormonal control under normal physiological conditions is contrasted with disease states such as electrolyte imbalance, growth disorders, weight homeostasis and diabetes. By the end of this course, students will integrate and understand the underlying mechanisms by which these hormones act and how these signals are interpreted by tissues such as liver, bone, adipose, and muscle to coordinate metabolic changes in the body.									
OST	OST	<b>OCOM</b>	<b>7020</b>	<b>Obstetrics and Gynecology</b>	LEC	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This four-week Obstetrics and Gynecology course will teach students about: the menstrual cycle, menstrual irregularities, and how culture affects menarche and menopause; variations in human sexuality; the etiology and psychosocial aspects of infertility; contraception; antenatal care; the prevention, diagnosis and treatment of complications during pregnancy; appropriate prevention, diagnosis, and complications during pregnancy; facilitating & monitoring normal labor and delivery as well as complications of labor and delivery; postpartum care; and breastfeeding.									
OST	OST	<b>OCOM</b>	<b>7020</b>	<b>Obstetrics and Gynecology</b>	LEC	LE	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This four-week Obstetrics and Gynecology course will teach students about: the menstrual cycle, menstrual irregularities, and how culture affects menarche and menopause; variations in human sexuality; the etiology and psychosocial aspects of infertility; contraception; antenatal care; the prevention, diagnosis and treatment of complications during pregnancy; appropriate prevention, diagnosis, and complications during pregnancy; facilitating & monitoring normal labor and delivery as well as complications of labor and delivery; postpartum care; and breastfeeding.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>7021</b>	<b>Biomedical Sciences 4</b>	SEM	SE	10	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This eighteen-week course is the second in a series of courses that serve to continue the integration of basic science material with clinical science issues. As in year 1, small group discussion sessions using clinical case studies serve as the focus of the courses. In addition, graded and non-graded mandatory activities, such as the Brain Anatomy Labs and Biomedical Science Problem Sets, are designed to supplement material covered during the small group discussion process, providing students with hands-on opportunities to understand the relationships between form and function, and encouraging exchange of ideas with content experts throughout the biomedical science disciplines.									
OST	OST	<b>OCOM</b>	<b>7025</b>	<b>Pediatrics</b>	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		The two-week Pediatric course introduces the second year Medical Student to primary care pediatrics, and focuses on the considerable difference between a sick child and well child from adult and geriatric counterparts. Emphasis will be placed on identification, diagnosis and treatment of the pediatric patient.									
OST	OST	<b>OCOM</b>	<b>7025</b>	<b>Pediatrics</b>	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		The two-week Pediatric course introduces the second year Medical Student to primary care pediatrics, and focuses on the considerable difference between a sick child and well child from adult and geriatric counterparts. Emphasis will be placed on identification, diagnosis and treatment of the pediatric patient.									
OST	OST	<b>OCOM</b>	<b>7030</b>	<b>Addiction, Pain and Palliative Care</b>	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This two-week course will introduce students to topics related to addiction, pain, and palliative care. Addiction topics include abuse of and dependence on alcohol, prescription drugs, illicit drugs and other addictions. Pain and palliative care topics will address chronic pain, palliative care and hospice. Students will be presented with a holistic approach to comprehensive pain and symptom management and be given tools to help care for patients from a primary care approach. A solid foundation in the management of addiction, pain and end of life care will be a crucial component of medicine that students will find very helpful in their personal and professional lives.									
OST	OST	<b>OCOM</b>	<b>7030</b>	<b>Addiction, Pain and Palliative Care</b>	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This two-week course will introduce students to topics related to addiction, pain, and palliative care. Addiction topics include abuse of and dependence on alcohol, prescription drugs, illicit drugs and other addictions. Pain and palliative care topics will address chronic pain, palliative care and hospice. Students will be presented with a holistic approach to comprehensive pain and symptom management and be given tools to help care for patients from a primary care approach. A solid foundation in the management of addiction, pain and end of life care will be a crucial component of medicine that students will find very helpful in their personal and professional lives.									
OST	OST	<b>OCOM</b>	<b>7035</b>	<b>Geriatrics</b>	LEC	EL	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Geriatrics course introduces Clinical Presentation Curriculum (CPC) students to key concepts essential to caring for older adults. The Block begins by presenting the aging demographic imperative. There are not enough geriatricians to care for this growing segment of the population. Therefore, it is critical that all medical students are trained to meet the needs of older citizens with complicated, overlapping, factors associated with chronic medical conditions. Older adults often have three or more chronic medical conditions, take multiple medications and respond to treatments and medications differently than do younger patients. This block targets these often complicated overlapping factors. An emphasis is placed on understanding the following: aging versus disease; geriatric syndromes and atypical presentation of disease; providing care across the continuum of locations: ambulatory, hospital, assisted living, nursing home, and home; comprehensive geriatric assessment; psychosocial and environmental considerations; pharmacology/prescribing practices; and advance directives.									
OST	OST	<b>OCOM</b>	<b>7035</b>	<b>Geriatrics</b>	LEC	LE	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F	REQUISITE:	Offered only to OUCOM 2nd Year students							
		COURSE DESC:		This three-week Geriatrics course introduces Clinical Presentation Curriculum (CPC) students to key concepts essential to caring for older adults. The Block begins by presenting the aging demographic imperative. There are not enough geriatricians to care for this growing segment of the population. Therefore, it is critical that all medical students are trained to meet the needs of older citizens with complicated, overlapping, factors associated with chronic medical conditions. Older adults often have three or more chronic medical conditions, take multiple medications and respond to treatments and medications differently than do younger patients. This block targets these often complicated overlapping factors. An emphasis is placed on understanding the following: aging versus disease; geriatric syndromes and atypical presentation of disease; providing care across the continuum of locations: ambulatory, hospital, assisted living, nursing home, and home; comprehensive geriatric assessment; psychosocial and environmental considerations; pharmacology/prescribing practices; and advance directives.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>7080</b>	<b>Clinical Skills 3</b>	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 2nd Year students</p> <p>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:</p> <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>									
OST	OST	<b>OCOM</b>	<b>7081</b>	<b>Fundamentals in Clinical Osteopathic Medicine 3</b>	LAB	LB	7	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 2nd Year students</p> <p>Fundamentals in Clinical Osteopathic Medicine 3 and 4 are a series of courses devoted to assisting students in developing clinical skills necessary for to work towards mastery of the core competencies. Fundamentals in Clinical Osteopathic Medicine 4 is a sixteen-week course in the second year of the PCC curriculum builds upon the clinical skills learned in the first year Fundamentals in Clinical Osteopathic Medicine courses. It is devoted to continuing the development of clinical skills necessary for the practice of osteopathic medicine. Osteopathic Manipulative Medicine (OMM) skills and Clinical and Community Experiences (CCE) are an integral part of this course. 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 student will master specific clinical skills that can be taught in a classroom or laboratory setting and that will help the student become more involved in patient care and clinical learning, for example in dealing with the angry patient and end of life issues. The student will continue to refine his or her skills learned in the first year Fundamentals in Clinical Osteopathic Medicine course in the use of the Problem Oriented Medical Record, and clinical documentation, i.e., SOAP notes</p> <p>The format of the course consists of clinical lab sessions, utilizing peers or simulated patients for experience in obtaining history and performing physical examinations. On occasion, experiences utilizing real patients or didactic sessions will be employed as well.</p> <p>The CCE component of Fundamentals in Clinical Osteopathic Medicine for PCC 2 is designed to provide the student with varied experiences in the field of health care. Experiences will be assigned in different settings where they may continue to practice their clinical skills; essential to the course is the notion of acute versus ambulatory care.</p>									
OST	OST	<b>OCOM</b>	<b>7085</b>	<b>Clinical Skills 4</b>	LAB	LB	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		<p>REQUISITE: Offered only to OUCOM 2nd Year students</p> <p>This course expands on students mastery of the clinical skills outlined in Clinical Skills 1-3.</p> <p>This eighteen-week course is the final in a series in which osteopathic medical students learn the fundamentals of the following clinical skills:</p> <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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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>7086</b>	<b>Fundamentals in Clinical Osteopathic Medicine 4</b>	LAB	LB	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to OUCOM 2nd Year students Fundamentals in Clinical Osteopathic Medicine 3 and 4 are a series of courses devoted to assisting students in developing clinical skills necessary for to work towards mastery of the core competencies. Fundamentals in Clinical Osteopathic Medicine is a eighteen-week course in the second year of the PCC curriculum builds upon the clinical skills learned in the first year Fundamentals in Clinical Osteopathic Medicine courses. It is devoted to continuing the development of clinical skills necessary for the practice of osteopathic medicine. Osteopathic Manipulative Medicine (OMM) skills and Clinical and Community Experiences (CCE) are an integral part of this course. 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 student will master specific clinical skills that can be taught in a classroom or laboratory setting and that will help the student become more involved in patient care and clinical learning, for example in dealing with the angry patient and end of life issues. The student will continue to refine his or her skills learned in the first year Fundamentals in Clinical Osteopathic Medicine course in the use of the Problem Oriented Medical Record, and clinical documentation, i.e., SOAP notes The format of the course consists of clinical lab sessions, utilizing peers or simulated patients for experience in obtaining history and performing physical examinations. On occasion, experiences utilizing real patients or didactic sessions will be employed as well. The CCE component of Fundamentals in Clinical Osteopathic Medicine for PCC 2 is designed to provide the student with varied experiences in the field of health care. Experiences will be assigned in different settings where they may continue to practice their clinical skills; essential to the course is the notion of acute versus ambulatory care.									
OST	OST	<b>OCOM</b>	<b>7110</b>	<b>Osteopathic Manipulative Medicine Honors 1</b>	LAB	LB	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to 2nd year OUCOM students in good standing This sixteen-week course will provide second year Osteopathic medical students with an opportunity to advance their skills in, understanding of and capacity to teach Osteopathic manipulative medicine (OMM) beyond the level possible through the standard year 1 & 2 curricula. The topics presented by our OUCOM director of faculty development will be: "giving constructive feedback". A weekly instructional hour designed to prepare these students to teach year 1 students as table trainers in the Osteopathic manipulative medicine lab will constitute the lecture portion of the course. One faculty development session will be provided fall quarter to focus honors students teaching skills. Each weekly lab period is 2 hours in length. During that lab each second year honors student will be supervising the progress and facilitating the understanding of six to eight year 1 students in a setting where faculty lead the lab and provide the resources to answer questions that the honors students have and/or questions year 1 students have with which the honors students need help. This allows the honors students to deepen their understanding and refine their palpatory skills following the adage, "see one, do one, teach one." A journal club will be scheduled once each quarter with review of articles relevant to Osteopathic philosophy, principles and practice. The honors students will have the opportunity to evaluate articles and exchange ideas with OMM faculty and post-graduate residents. There will also be one 2 hour lab session per quarter that will bring new diagnostic and therapeutic skills into focus (beyond those taught in the courses in the first two years).									
OST	OST	<b>OCOM</b>	<b>7115</b>	<b>Osteopathic Manipulative Medicine Honors 2</b>	LAB	LB	3	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to 2nd year OUCOM students in good standing This eighteen-week course will provide second year Osteopathic medical students with an opportunity to advance their skills in, understanding of and capacity to teach Osteopathic manipulative medicine (OMM) beyond the level possible through the standard year 1 & 2 curricula. The topics presented by our OUCOM director of faculty development will be: "giving constructive feedback". A weekly instructional hour designed to prepare these students to teach year 1 students as table trainers in the Osteopathic manipulative medicine lab will constitute the lecture portion of the course. One faculty development session will be provided fall quarter to focus honors students teaching skills. Each weekly lab period is 2 hours in length. During that lab each second year honors student will be supervising the progress and facilitating the understanding of six to eight year 1 students in a setting where faculty lead the lab and provide the resources to answer questions that the honors students have and/or questions year 1 students have with which the honors students need help. This allows the honors students to deepen their understanding and refine their palpatory skills following the adage, "see one, do one, teach one." A journal club will be scheduled once each quarter with review of articles relevant to Osteopathic philosophy, principles and practice. The honors students will have the opportunity to evaluate articles and exchange ideas with OMM faculty and post-graduate residents. There will also be one 2 hour lab session per quarter that will bring new diagnostic and therapeutic skills into focus (beyond those taught in the courses in the first two years).									
OST	OST	<b>OCOM</b>	<b>7130X</b>	<b>Clinical Jazz - Critical Reflection Groups</b>	SEM	SE	1	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: The objective of this course is to establish a habit of mindfulness and critical thinking among health care workers at all stages of training. Our goal is to make this an Inter-professional Education Course that would involve both HCOM and HSP students.									
OST	OST	<b>OCOM</b>	<b>7200</b>	<b>Osteopathic Clinical Rotation Orientation</b>	LEC	EL	5	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F									
		COURSE DESC:		REQUISITE: Offered only to 3rd year OUCOM students The four-week course will be a cumulative experience that brings together 18 months of medical educational experiences in an interactive environment in preparation for clinical rotations at the regional CORE sites. At the conclusion of the summer session, the students will be able to: Perform and document a full history and physical exam; Interpret a variety of radiographic studies; Orally present a patient/clinical case to faculty and peers; Demonstrate the following procedures: intravenous cannulation (IV) ¿ peripheral and central, placement of nasogastric (NG) tube, placement of urinary bladder catheter, endotracheal intubation, CPR, electrical cardiac defibrillation, splinting, suturing, skin biopsy, and preparation for surgery (scrubbing, gowning, gloving, etc.); Demonstrate appropriate documentation by completing a variety of medical records, including: admit note, admit orders, discharge summary, surgical notes, labor and delivery note, medication prescriptions, and osteopathic physical exam findings; Interpret diagnostic testing in the context of clinical cases; Apply pharmacologic therapy in the context of a clinical case; Integrate OMM diagnosis and techniques in clinical practice; Perform and document a variety of focused osteopathic structural examinations, followed by appropriate osteopathic manipulative treatment; Demonstrate skills in Advanced Cardiac Life Support (ACLS) and Identify a variety of common and/or important dermatological conditions.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>7200</b>	<b>Osteopathic Clinical Rotation Orientation</b> ELIGIBLE GRADES: CR, PR, F COURSE DESC: The four-week course will be a cumulative experience that brings together 18 months of medical educational experiences in an interactive environment in preparation for clinical rotations at the regional CORE sites. At the conclusion of the summer session, the students will be able to: Perform and document a full history and physical exam; Interpret a variety of radiographic studies; Orally present a patient/clinical case to faculty and peers; Demonstrate the following procedures: intravenous cannulation (IV) & peripheral and central, placement of nasogastric (NG) tube, placement of urinary bladder catheter, endotracheal intubation, CPR, electrical cardiac defibrillation, splinting, suturing, skin biopsy, and preparation for surgery (scrubbing, gowning, gloving, etc.); Demonstrate appropriate documentation by completing a variety of medical records, including: admit note, admit orders, discharge summary, surgical notes, labor and delivery note, medication prescriptions, and osteopathic physical exam findings; Interpret diagnostic testing in the context of clinical cases; Apply pharmacologic therapy in the context of a clinical case; Integrate OMM diagnosis and techniques in clinical practice; Perform and document a variety of focused osteopathic structural examinations, followed by appropriate osteopathic manipulative treatment; Demonstrate skills in Advanced Cardiac Life Support (ACLS) and Identify a variety of common and/or important dermatological conditions.	LEC	LE	5	0		N	M60		0
OST	OST	<b>OCOM</b>	<b>7901</b>	<b>Introduction to Hospital Care/Orientation</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	1	0		N	M60		0
OST	OST	<b>OCOM</b>	<b>7920</b>	<b>Primary Care Associateship in Osteopathic Manipulative Medicine</b> ELIGIBLE GRADES: CR, 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.	PRA	PR	2 to 30	30		N	M60		0
OST	OST	<b>OCOM</b>	<b>7921</b>	<b>Primary Care Associateship in Family Medicine</b> ELIGIBLE GRADES: CR, 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.	PRA	PR	2 to 30	30		N	M60		0
OST	OST	<b>OCOM</b>	<b>7922</b>	<b>Primary Care Associateship in Preventive Medicine/Public Health</b> ELIGIBLE GRADES: CR, 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.	PRA	PR	2 to 30	30		N	M60		0
OST	OST	<b>OCOM</b>	<b>7923</b>	<b>Primary Care Associateship in Osteopathic Manipulative Medicine and Family Medicine</b> ELIGIBLE GRADES: CR, 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.	PRA	PR	2 to 30	30		N	M60		0
OST	OST	<b>OCOM</b>	<b>7940</b>	<b>Research and Scholarly Advancement Fellowship</b> ELIGIBLE GRADES: CR, 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 (GPC) 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).	RSC	RS	1	0		I	M60		0
OST	OST	<b>OCOM</b>	<b>8000</b>	<b>Osteopathic Primary Care Clerkship</b> ELIGIBLE GRADES: CR, 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.	CLN	CL	8	0		N	M60		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8000</b>	<b>Osteopathic Primary Care Clerkship</b>	LEC	EL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		The required Osteopathic Primary Care Clerkship is a four-week clerkship designed to provide experiences in an Osteopathic Primary Care setting that highlight the unique role of the Osteopathic Primary Care Physician and the principles and practice of Family Medicine and Internal Medicine. It is the first course recommended for all students at the beginning of Year 3 at OU-HCOM.									
OST	OST	<b>OCOM</b>	<b>8000</b>	<b>Osteopathic Primary Care Clerkship</b>	LEC	LE	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Year 3 or 4 Osteopathic Medical Student						
		COURSE DESC:		The required Osteopathic Primary Care Clerkship is a four-week clerkship designed to provide experiences in an Osteopathic Primary Care setting that highlight the unique role of the Osteopathic Primary Care Physician and the principles and practice of Family Medicine and Internal Medicine. It is the first course recommended for all students at the beginning of Year 3 at OU-HCOM.									
OST	OST	<b>OCOM</b>	<b>8030</b>	<b>Geriatric Medicine</b>	CLN	CL	8	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This required four-week course is designed to provide the 3rd year student with the skills and knowledge to understand and provide care to elderly patients in a variety of clinical settings.									
OST	OST	<b>OCOM</b>	<b>8230</b>	<b>Elective - Thoracic Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	<b>OCOM</b>	<b>8232</b>	<b>Elective - Vascular Surgery</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	<b>OCOM</b>	<b>8234</b>	<b>Elective - Bronchoesophagology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	<b>OCOM</b>	<b>8249</b>	<b>Elective - Otolaryngology</b>	CLN	CL	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	<b>OCOM</b>	<b>8274</b>	<b>Elective - Conference</b>	SEM	SE	2	4		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	Offered only to OUCOM 3rd and 4th Year students						
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8501</b>	<b>Defining Health Policy: History and Process in Government</b>	SEM	EL	5	0		N	M60		0
		ELIGIBLE GRADES: COURSE DESC:		CR, F                      REQUISITE: 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>8501</b>	<b>Defining Health Policy: History and Process in Government</b>	SEM	SE	5	0		N	M60		0
		ELIGIBLE GRADES: COURSE DESC:		CR, F                      REQUISITE: 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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8502</b>	<b>Current Issues in Health Policy: Case-Based Instruction</b>	SEM	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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 Car Determining and Controlling the Healthcare Workforce The Role of Regulation in Healthcare Economics of Healthcare Health Policy Issues in the Osteopathic Profession Preparing for an Increasingly Diverse Patient Population									
				Follows 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>8502</b>	<b>Current Issues in Health Policy: Case-Based Instruction</b>	SEM	SE	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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 Car Determining and Controlling the Healthcare Workforce The Role of Regulation in Healthcare Economics of Healthcare Health Policy Issues in the Osteopathic Profession Preparing for an Increasingly Diverse Patient Population									
				Follows 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>	SEM	EL	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8503</b>	<b>Research Methods and Tools for Health Policy Development and Analysis</b>	SEM	SE	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, 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>	LEC	EL	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
OST	OST	<b>OCOM</b>	<b>8900</b>	<b>Special Topics in Osteopathic Medicine</b>	LEC	LE	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
OST	OST	<b>OCOM</b>	<b>8911</b>	<b>Elective - Global Health</b>	FLD	FE	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		The purpose of this rotation is to provide an opportunity for the student to explore issues in the delivery of health services in other countries. This rotation is not intended to transform the student into a specialist, but rather it is to provide a survey of the specialty. Students will need to use a logical and appropriate clinical approach to the care of patients in a developing country setting, utilizing locally available resources, and applying principles of evidence-based decision-making and problem-solving. These experiences are designed not only for students considering careers in international health, but for increasing the understanding of any future physician practicing in the United States who may care for patients from other countries. The experience is also designed to deepen the awareness of all participants regarding the determinants of health and illness and diverse methods of approaching health problems in settings with varied cultural, socio-economic and political characteristics. These experiences help students develop sensitivity to health disparities and their causes, including health, social, economic and environmental factors.									
OST	OST	<b>OCOM</b>	<b>8912</b>	<b>Elective - Academic Medicine</b>	FLD	FE	4 to 12	12		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.									
OST	OST	<b>OCOM</b>	<b>8920</b>	<b>Health Care Management Clerkship</b>	PRA	PR	4	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This two-week required practicum for 4th year students is designed to introduce them to managed care concepts and the practice of medicine within managed care environments, to expand student knowledge regarding the principles of managed care and health service delivery, and introduce students to different aspects of managed care practice including the perspectives of physicians, legal affairs, managed care organizations, governmental agencies and the hospital system.									
OST	OST	<b>OCOM</b>	<b>8921</b>	<b>Elective - Academic Osteopathic Manipulative Medicine</b>	PRA	PR	16 to 20	20		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		The purpose of this elective rotation is to provide the student with the opportunity to enhance his/her knowledge and skills to a level appropriate for an intermediate student instructor in Osteopathic Manipulative Medicine. To accomplish this, the rotation provides a broad overview of Academic Osteopathic Manipulative Medicine. The student is expected to encounter and participate in a variety of experiences while working within the year 1 & 2 OMM academic curricula and in the supervised OMM clinic, with supervised hospital participation when feasible.									
OST	OST	<b>OCOM</b>	<b>8930</b>	<b>Directed Studies in Osteopathic Medicine</b>	IND	EL	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course is available for the student who wants to participate under faculty supervision in specific educational activities related to, but beyond the scope of, the current osteopathic medical school curriculum.									
OST	OST	<b>OCOM</b>	<b>8930</b>	<b>Directed Studies in Osteopathic Medicine</b>	IND	IS	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		This course is available for the student who wants to participate under faculty supervision in specific educational activities related to, but beyond the scope of, the current osteopathic medical school curriculum.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8931</b>	<b>Elective in EKG Reading - Self Study</b>	IND	IS	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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>	RSC	RS	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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.									
OST	OST	<b>OCOM</b>	<b>8941</b>	<b>Scholarly Work - Required Paper</b>	RSC	RS	2	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		Students are required to work with the primary preceptor on an assigned service between December of year 3 and December of year 4 to select and approve an appropriate patient actually seen while on rotation as the basis for this paper. The selected patient case must lend itself to producing a paper that includes the usual components of a case report; the case must have some noteworthy appeal that would be valuable to a particular audience. Once the audience has been identified, the student must select a target journal as a potential venue for publication of the case report; it may be helpful to identify a few target publications and discuss these with the preceptor. The case report must then be written to conform to the submission guidelines and specifications of the specified target journal. An osteopathic component must be included in the manuscript submitted for grading.									
OST	OST	<b>OCOM</b>	<b>8942</b>	<b>Research Elective - Critical Literature Review</b>	RSC	RS	4 to 6	6		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:							
		COURSE DESC:		The purpose of this elective rotation is to provide the student with the opportunity to develop or enhance his/her knowledge and skills to a level appropriate for a beginning researcher. Permission to participate must be given by the CORE Research Director and the Assistant Dean Clinical Education; the student must also be in good academic standing. This rotation provides a broad overview of critical review of literature via hands-on experience. In hospital and ambulatory settings (as appropriate), the student is expected to encounter a variety of experiences that may lead to a clinical question answerable through the conduct of an extensive and critical review of the literature. To achieve rotation objectives, the student is expected to apply research-based concepts of diagnosis and management to the patient, develop a working knowledge of both inpatient and outpatient treatment modalities, research design, understanding basic statistical results and interpretation, human subject protection, manuscript writing, and dissemination of research findings as means of contributing to evidence-based medicine. Throughout the rotation, students should have multiple opportunities to perform different aspects of a critical literature review and to practice problem-solving skills.									
OST	OST	<b>OCOM</b>	<b>8943</b>	<b>Research Elective - Case Based Study</b>	RSC	RS	2 to 6	6		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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. 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>	RSC	RS	6 to 24	24		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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. 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	PCLI	<b>OCOM</b>	<b>6001</b>	<b>Clinical Anatomy Immersion</b>	LAB	LB	6	0		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	First year Heritage College Medical Students						
		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	PCLI	<b>OCOM</b>	<b>7930</b>	<b>Directed Studies in Pre-clinical Osteopathic Medicine</b>	IND	EL	1 to 30	30		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	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.						
		COURSE DESC:		Directed Studies in Pre-clinical Osteopathic Medicine is a course in which osteopathic medical students pursue directed independent work under the guidance of a faculty member. A student who undertakes this course usually does so to explore in more depth areas covered broadly in courses, to conduct research, to participate in sanctioned global health activities abroad, to prepare to remediate content or a COMLEX failure or to explore topics not ordinarily covered in the curriculum.									
OST	PCLI	<b>OCOM</b>	<b>7930</b>	<b>Directed Studies in Pre-clinical Osteopathic Medicine</b>	IND	IS	1 to 30	30		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		REQUISITE:	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.						
		COURSE DESC:		Directed Studies in Pre-clinical Osteopathic Medicine is a course in which osteopathic medical students pursue directed independent work under the guidance of a faculty member. A student who undertakes this course usually does so to explore in more depth areas covered broadly in courses, to conduct research, to participate in sanctioned global health activities abroad, to prepare to remediate content or a COMLEX failure or to explore topics not ordinarily covered in the curriculum.									
OST	PCLI	<b>OCOM</b>	<b>8277</b>	<b>Elective - Health Policy Formation and Implementation</b>	TUT	TU	2 to 8	8		N	M60		0
		ELIGIBLE GRADES:		CR, PR, F		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.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>EVT</b>	<b>1000</b>	<b>Introduction to Environmental Engineering Technology</b>	LEC	EL	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Topics include toxicology, air pollution, groundwater contamination, transportation of hazardous materials, waste characterization, waste management, and waste treatment and disposal, with discussion of how regulations affect each.									
RHE	OUC	<b>EVT</b>	<b>1000</b>	<b>Introduction to Environmental Engineering Technology</b>	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Topics include toxicology, air pollution, groundwater contamination, transportation of hazardous materials, waste characterization, waste management, and waste treatment and disposal, with discussion of how regulations affect each.									
RHE	OUC	<b>EVT</b>	<b>1100</b>	<b>Environmental Engineering Instrumentation and Computation</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	<b>EVT</b>	<b>1100</b>	<b>Environmental Engineering Instrumentation and Computation</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	<b>EVT</b>	<b>1100</b>	<b>Environmental Engineering Instrumentation and Computation</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Emphasizes the principles of data treatment, including experimental error recognition, statistical analysis, and graphical data techniques using up-to-date computer software. Computers and programmable calculators required for writing lab reports.									
RHE	OUC	<b>EVT</b>	<b>1200</b>	<b>Introduction to Environmental Chemistry</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	<b>EVT</b>	<b>1200</b>	<b>Introduction to Environmental Chemistry</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	<b>EVT</b>	<b>1200</b>	<b>Introduction to Environmental Chemistry</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Environmental chemistry as applied to aquatic, atmospheric, soil, and hazardous waste systems. Topics include environmental chemical cycles; aquatic, atmospheric, and soil chemistry; environmental chemistry of hazardous wastes; and toxicology.									
RHE	OUC	<b>EVT</b>	<b>1250</b>	<b>Hazwoper</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									
RHE	OUC	<b>EVT</b>	<b>1250</b>	<b>Hazwoper</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									
RHE	OUC	<b>EVT</b>	<b>1250</b>	<b>Hazwoper</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Provides certification required to work on a majority of environmental cleanup sites. Covers regulatory obligations, handling hazardous materials, personal protective equipment, monitoring instrumentation, emergency response, site control, medical assessment, confined space entry, and respiratory protection.									
RHE	OUC	<b>EVT</b>	<b>1400</b>	<b>Introduction to Air and Wastewater Pollution</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>EVT</b>	<b>1400</b>	<b>Introduction to Air and Wastewater Pollution</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Principal types; sources; dispersion; effects; and physical, economic, and legal aspects of controlling atmospheric and wastewater pollutants. Emphasizes atmospheric and wastewater chemical reactions due to air and water pollutant emissions.									
RHE	OUC	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	IND	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	IND	IS	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	LEC	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>1910</b>	<b>Internship/Practicum/Cooperative Education</b>	FLD	FE	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Required for students on approved work assignments. Must submit final report on work activities. Credit not applicable toward specific degree requirements but will accumulate in academic credit total.									
RHE	OUC	<b>EVT</b>	<b>2000</b>	<b>Site Investigation, Sampling, and Monitoring</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2000L concurrent Field-oriented course involving hazardous materials site investigation, characterization, and cleanup. Topics are planning and organization, training and medical programs, site assessment, sampling and monitoring, site control, hazardous materials handling, and emergency response.									
RHE	OUC	<b>EVT</b>	<b>2000</b>	<b>Site Investigation, Sampling, and Monitoring</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2000L concurrent Field-oriented course involving hazardous materials site investigation, characterization, and cleanup. Topics are planning and organization, training and medical programs, site assessment, sampling and monitoring, site control, hazardous materials handling, and emergency response.									
RHE	OUC	<b>EVT</b>	<b>2000L</b>	<b>Site Investigation, Sampling, and Monitoring Laboratory</b>	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2000 concurrent 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.									
RHE	OUC	<b>EVT</b>	<b>2100</b>	<b>Introduction to Health Physics</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	<b>EVT</b>	<b>2100</b>	<b>Introduction to Health Physics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	<b>EVT</b>	<b>2100</b>	<b>Introduction to Health Physics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Addresses fundamental principles of health physics and radiation protection. Topics include atomic structure, types of radiation, radioactive decay, methods of radiation detection, dosimetry, biological effects, and radiation protection.									
RHE	OUC	<b>EVT</b>	<b>2200</b>	<b>Fluid Mechanics</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Fundamentals of fluid mechanics as applied to surface and groundwater, wastewater, and air emissions management. Topics include basic hydraulics, friction loss, pressure, flow measurement, pump types and characteristics, and schematic interpretation.									
RHE	OUC	<b>EVT</b>	<b>2200</b>	<b>Fluid Mechanics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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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RHE	OUC	<b>EVT</b>	<b>2200</b>	<b>Fluid Mechanics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Fundamentals of fluid mechanics as applied to surface and groundwater, wastewater, and air emissions management. Topics include basic hydraulics, friction loss, pressure, flow measurement, pump types and characteristics, and schematic interpretation.									
RHE	OUC	<b>EVT</b>	<b>2400</b>	<b>Air Sampling and Analysis</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2400L concurrent Provides practical field experience in ambient air and indoor sampling. Instrumentation used to provide real-time data collection and analysis. Emphasis on methods that determine the concentration of normally encountered air pollutants.									
RHE	OUC	<b>EVT</b>	<b>2400</b>	<b>Air Sampling and Analysis</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2400L concurrent Provides practical field experience in ambient air and indoor sampling. Instrumentation used to provide real-time data collection and analysis. Emphasis on methods that determine the concentration of normally encountered air pollutants.									
RHE	OUC	<b>EVT</b>	<b>2400L</b>	<b>Air Sampling and Analysis Laboratory</b>	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2400 concurrent Emphasizes air flow measurements using devices that demonstrate volumetric displacement, velocity impaction, viscosity, and pressure. Provides techniques for determining accuracy, precision or repeatability, and calibration.									
RHE	OUC	<b>EVT</b>	<b>2500</b>	<b>Analysis of Environmental Pollutants</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2500L concurrent Covers important techniques necessary for analyzing environmental samples. Methods established by EPA are used to analyze samples for heavy metals, volatiles, and semi-volatiles.									
RHE	OUC	<b>EVT</b>	<b>2500</b>	<b>Analysis of Environmental Pollutants</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2500L concurrent Covers important techniques necessary for analyzing environmental samples. Methods established by EPA are used to analyze samples for heavy metals, volatiles, and semi-volatiles.									
RHE	OUC	<b>EVT</b>	<b>2500L</b>	<b>Analysis of Environmental Pollutants Laboratory</b>	LAB	LB	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: EVT 2500 concurrent Emphasizes lab instrumentation such as GC/MS, AA, and IR spectrophotometer. Lab reports required from the analysis of soil and water samples.									
RHE	OUC	<b>EVT</b>	<b>2600</b>	<b>Environmental Risk Assessment</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Analyzes risk assessment process applied to environmental problems. Uncertainty factors, risk analysis, and exposure characterization, fate, and transport models addressed.									
RHE	OUC	<b>EVT</b>	<b>2600</b>	<b>Environmental Risk Assessment</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Analyzes risk assessment process applied to environmental problems. Uncertainty factors, risk analysis, and exposure characterization, fate, and transport models addressed.									
RHE	OUC	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	IND	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	IND	IS	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	LEC	EL	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	LEC	LE	1 to 15	15		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Provides an opportunity to complete individual projects that involve special topics concerning environmental engineering technology problems.									
RHE	OUC	<b>EVT</b>	<b>2910</b>	<b>Internship/Practicum/Cooperative Education</b>	FLD	FE	1 to 5	24		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Required for students on approved work assignments. Must submit final report on work activities. Credit not applicable toward specific degree requirements but will accumulate in academic credit total.									
RHE	OUC	<b>HMT</b>	<b>1100</b>	<b>Hazardous Materials Regulation I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Addresses U.S. laws and regulations that pertain to environmental law and liabilities associated with handling hazardous materials. Topics include the basics of environmental law, liability and enforcement, Resource Conservation and Recovery Act (RCRA), transportation of hazardous materials, and the Clean Air Act. Current events discussed and analyzed.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	HMT	1100	<b>Hazardous Materials Regulation I</b> ELIGIBLE GRADES: A-F COURSE DESC: Addresses U.S. laws and regulations that pertain to environmental law and liabilities associated with handling hazardous materials. Topics include the basics of environmental law, liability and enforcement, Resource Conservation and Recovery Act (RCRA), transportation of hazardous materials, and the Clean Air Act. Current events discussed and analyzed.	LEC	LE	3	0		N	U20		0
RHE	OUC	HMT	1200	<b>Hazard Communication Standard</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on hazard communication programs, their development and implementation, and their compliance with federal Hazard Communication Standard and "Right-to-Know" laws. Topics include Material Safety Data Sheets (MSDS), written programs, employee training, and labels and placarding.	LEC	EL	2	0		N	U20		0
RHE	OUC	HMT	1200	<b>Hazard Communication Standard</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasis on hazard communication programs, their development and implementation, and their compliance with federal Hazard Communication Standard and "Right-to-Know" laws. Topics include Material Safety Data Sheets (MSDS), written programs, employee training, and labels and placarding.	LEC	LE	2	0		N	U20		0
RHE	OUC	HMT	1300	<b>Industrial Processes</b> ELIGIBLE GRADES: A-F COURSE DESC: Generation of hazardous materials in such settings as electroplating, metal finishing, printed circuit board production, oil refining, chemical production, steel production, paper industry, and various other production areas. Emphasis on acute and chronic exposure. Hazardous materials handling and minimized waste generation covered.	LEC	EL	2	0		N	U20		0
RHE	OUC	HMT	1300	<b>Industrial Processes</b> ELIGIBLE GRADES: A-F COURSE DESC: Generation of hazardous materials in such settings as electroplating, metal finishing, printed circuit board production, oil refining, chemical production, steel production, paper industry, and various other production areas. Emphasis on acute and chronic exposure. Hazardous materials handling and minimized waste generation covered.	LEC	LE	2	0		N	U20		0
RHE	OUC	HMT	1400	<b>Hazardous Materials Regulation II</b> ELIGIBLE GRADES: A-F COURSE DESC: The Environmental Protection Agency (EPA) is the major focus. Included are the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Superfund Amendments and Reauthorization Act (SARA); the Clean Water Act (CWA); the Safe Drinking Water Act (SDWA); the Oil Pollution Act; and the National Environmental Policy Act (NEPA). Regulatory compliance is a major topic, with some case studies.	LEC	EL	3	0		N	U20		0
RHE	OUC	HMT	1400	<b>Hazardous Materials Regulation II</b> ELIGIBLE GRADES: A-F COURSE DESC: The Environmental Protection Agency (EPA) is the major focus. Included are the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Superfund Amendments and Reauthorization Act (SARA); the Clean Water Act (CWA); the Safe Drinking Water Act (SDWA); the Oil Pollution Act; and the National Environmental Policy Act (NEPA). Regulatory compliance is a major topic, with some case studies.	LEC	LE	3	0		N	U20		0
RHE	OUC	HMT	1500	<b>Emergency Response I</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.	LAB	LB	2	0		N	U20		0
RHE	OUC	HMT	1500	<b>Emergency Response I</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.	LEC	EL	2	0		N	U20		0
RHE	OUC	HMT	1500	<b>Emergency Response I</b> ELIGIBLE GRADES: A-F COURSE DESC: Emphasizes the development of emergency response contingency plan for a facility. Includes analyzing hazards, writing and implementing contingency plans, training employees for an emergency, and evaluation of the contingency plan. Emergency operations also explored, with emphasis on field exercises incorporating drum handling, instrumentation surveying, decontamination procedures, personal protective equipment, and medical evaluations.	LEC	LE	2	0		N	U20		0
RHE	OUC	HMT	2000	<b>Hazardous Materials Recovery, Incineration, and Disposal</b> ELIGIBLE GRADES: A-F COURSE DESC: Directed toward the recovery, incineration, and disposal of hazardous waste. Topics include the contracting of qualified disposal organizations, obtaining permits, and ensuring compliance of hazardous waste. On- and off-site treatment technology as well as chemical and physical characteristics of hazardous materials and waste discussed. Environmental contamination for air, water, and land explored. Some air dispersion modeling included.	LEC	EL	3	0		N	U20		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	HMT	2000	<b>Hazardous Materials Recovery, Incineration, and Disposal</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Directed toward the recovery, incineration, and disposal of hazardous waste. Topics include the contracting of qualified disposal organizations, obtaining permits, and ensuring compliance of hazardous waste. On- and off-site treatment technology as well as chemical and physical characteristics of hazardous materials and waste discussed. Environmental contamination for air, water, and land explored. Some air dispersion modeling included.	LEC	LE	3	0		N	U20		0
RHE	OUC	HMT	2100	<b>Hazardous Materials Regulation III</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Addresses the Toxic Substances Control Act (TSCA), asbestos regulations, pesticides, the Emergency Planning and Community Right-to-Know Act (EPCRA), and the OSH Act. Case studies, class participation, and reports are emphasized.	LEC	EL	3	0		N	U20		0
RHE	OUC	HMT	2100	<b>Hazardous Materials Regulation III</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Addresses the Toxic Substances Control Act (TSCA), asbestos regulations, pesticides, the Emergency Planning and Community Right-to-Know Act (EPCRA), and the OSH Act. Case studies, class participation, and reports are emphasized.	LEC	LE	3	0		N	U20		0
RHE	OUC	HMT	2200	<b>Hazardous Materials Health Effects</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Literature review of human health risks related to chemical exposures. A study of risk factors, types of chemical entry, effects on organs, acute and chronic effects, and measures to control exposure.	LEC	EL	2	0		N	U20		0
RHE	OUC	HMT	2200	<b>Hazardous Materials Health Effects</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Literature review of human health risks related to chemical exposures. A study of risk factors, types of chemical entry, effects on organs, acute and chronic effects, and measures to control exposure.	LEC	LE	2	0		N	U20		0
RHE	OUC	HMT	2300	<b>Emergency Response II</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.	LAB	LB	2	0		N	U20		0
RHE	OUC	HMT	2300	<b>Emergency Response II</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.	LEC	EL	2	0		N	U20		0
RHE	OUC	HMT	2300	<b>Emergency Response II</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Application of emergency response procedures under simulated emergency conditions. Students respond to the emergency, assess the seriousness of the incident, supervise cleanup, and provide information to the public and media. Students successfully completing this course will be certified at the First Responder Awareness Level and Operations Level.	LEC	LE	2	0		N	U20		0
RHE	OUC	HMT	2400	<b>Hazardous Materials Testing</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Development of an effective field sampling program for hazardous materials. Includes proper sampling procedures, use of hazardous materials testing equipment, and chemical analysis of hazardous waste materials. Students become proficient in the use of sampling equipment as well as portable and laboratory-based qualitative and quantitative analytical apparatuses used in routine and emergency situations.	LEC	EL	3	0		N	U20		0
RHE	OUC	HMT	2400	<b>Hazardous Materials Testing</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Development of an effective field sampling program for hazardous materials. Includes proper sampling procedures, use of hazardous materials testing equipment, and chemical analysis of hazardous waste materials. Students become proficient in the use of sampling equipment as well as portable and laboratory-based qualitative and quantitative analytical apparatuses used in routine and emergency situations.	LEC	LE	3	0		N	U20		0
RHE	OUC	HMT	2900	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Special topics in hazardous materials. Areas include OSHA's 40-Hour Compliance Training, instrumentation, internships, co-ops, and special studies.	LEC	EL	1 to 15	99		N	U20		0
RHE	OUC	HMT	2900	<b>Special Topics</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Special topics in hazardous materials. Areas include OSHA's 40-Hour Compliance Training, instrumentation, internships, co-ops, and special studies.	LEC	LE	1 to 15	99		N	U20		0
RHE	OUC	HST	1000	<b>Introduction to Human Services Technology</b> ELIGIBLE GRADES: A-F COURSE DESC: REQUISITE: Comprehensive introduction to knowledge and skills required for successful human services work. Reviews the definition and basics of client care. Human service professionals serve individuals, families, groups, communities and/or other supported human services organizations. Human services basic principals and ethical standards, historical aspects, technology skills, job requirements, models of service delivery, client care, professional roles, working within delivery systems, and beginning skills in the helping processes discussed.	LEC	LE	3	0		N	U20		0

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>HST</b>	<b>1200</b>	<b>Crisis Intervention</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Provides theoretical understanding and skill-based training in assessment and intervention strategies that are solution oriented and that may be applied to a variety of crisis situations. Trains students how to respond to crises in a variety of settings with a diverse group of clients. Also designed to help students become proficient in crisis intervention skills.									
RHE	OUC	<b>HST</b>	<b>1500</b>	<b>Behavior Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the application of behavior management principles and techniques used to help clients change or alleviate various human problems. Emphasis on learning to objectively describe, measure, and analyze behavioral data. Ethical issues in behavior management with clients discussed. Research, cultural differences, professional behaviors, and diversity of special populations in behavior management reviewed as well.									
RHE	OUC	<b>HST</b>	<b>1650</b>	<b>Intervention Strategies</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Students learn the definition and basics of human service, current issues, client service, and the helping relationship. Students practice human services intervention skills, learn information about ethical standards, historical aspects, technology skills, models of service delivery, theories of helping, special population client care in the helping processes, and practice motivational interviewing skills. Research and outcomes in intervention strategies, cultural and other diverse special populations and their differences in intervention strategies also discussed.									
RHE	OUC	<b>HST</b>	<b>1700</b>	<b>Group Dynamics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introductory course in group work practice that explores current theories and issues current in group dynamics. Objective is to acquire knowledge and practice skills which are necessary for group work. Emphasizes basic theory about groups and group process, demonstrates the skills necessary for effective practice, and gives the opportunity to discuss and practice these skills. Explores the history of group counseling, and current theories, principles, techniques of organization, leadership, and participation in group dynamics and processes. Actual group exercises that demonstrate the application of various theoretical models utilized. Discusses methods for implementing groups and outcome evaluation. Combines lecture and interactive learning experiences which facilitates self-awareness, group leadership, and small group participation.									
RHE	OUC	<b>HST</b>	<b>1750</b>	<b>Chemical Dependency</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Provides a perspective of chemical dependency intervention strategies, including theories of addiction and change, self-help support movements, assessment and diagnosis, continua of clinical care, legal and ethical standards of care, and stage-based therapeutic interventions. Dynamics and mechanics of substance abuse and chemical dependency discussed. Special populations and diversities as they relate to client care highlighted. Emphasis placed on understanding evidence-based treatment practices as defined by the Substance Abuse and Mental Health Services Administration (SAMHSA) and the National Institute of Drug Abuse (NIDA).									
RHE	OUC	<b>HST</b>	<b>1900</b>	<b>Case Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to the philosophy, goals, and methods of case management and its roles in the fields of social and protective services, mental retardation/developmental disabilities, mental health, and corrections. Trains students in the basic aspects of assisting clients in case management jobs in the social service field. Definitions, responsibilities, communication strategies, and documentation requirements of case management taught.									
RHE	OUC	<b>HST</b>	<b>2900</b>	<b>Special Topics Human Services Technology</b>	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		A-F, CR, PR									
		COURSE DESC:		REQUISITE: Provides opportunity for students to explore topics of interest in structured courses developed as common interests arise. May be repeated.									
RHE	OUC	<b>HST</b>	<b>2921</b>	<b>Practicum I</b>	LEC	LE	3	0		I	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 30 hours in HST Students participate in 100 hrs of supervised field experience at local agency or institution. Provides an opportunity to gain practical training and experience under guidance and supervision of professional agency staff and a faculty person. May require a group project as a part of the 100 hour requirement to support a social service agency training module.									
RHE	OUC	<b>HST</b>	<b>2921</b>	<b>Practicum I</b>	PRA	PR	3	0		I	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Permission required and 30 hours in HST Students participate in 100 hrs of supervised field experience at local agency or institution. Provides an opportunity to gain practical training and experience under guidance and supervision of professional agency staff and a faculty person. May require a group project as a part of the 100 hour requirement to support a social service agency training module.									
RHE	OUC	<b>HST</b>	<b>2922</b>	<b>Practicum II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: HST 2921 Requires students perform 100 hours of volunteer or paid service in a helping profession social service agency or agencies with an emphasis of this second 100 hour practicum experience to be on continued skill development and broadening of experience. Students receive 2 credit hours for the 100 hours of volunteer or paid work and are expected to attend a one hour (55 minute) class per week for the total of 3 semester hours of credit.									
RHE	OUC	<b>HST</b>	<b>2922</b>	<b>Practicum II</b>	PRA	PR	3	0		N	U20		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: HST 2921 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.									

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RHE	OUC	<b>HST</b>	<b>2980</b>	<b>Research in Human Services</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Reviews the definitions and basics of social science research. Human services professionals will be expected to conduct practice based outcome studies on evidence-based interventions in human services organizations. Students will learn about the social sciences basic principals, ethical standards, technology skills, and job requirements. Discussions of cultural, ethnic, race, and other diversities and their effect on research outcomes will be held.									
RHE	OUC	<b>LET</b>	<b>1000</b>	<b>Introduction to Law Enforcement Technology</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the philosophy and history of law enforcement, overview of crime and police problems, organization and jurisdiction of local, state, and federal law enforcement agencies, survey of professional career opportunities and qualifications required. Instructional goals are learner centered.									
RHE	OUC	<b>LET</b>	<b>1000</b>	<b>Introduction to Law Enforcement Technology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the philosophy and history of law enforcement, overview of crime and police problems, organization and jurisdiction of local, state, and federal law enforcement agencies, survey of professional career opportunities and qualifications required. Instructional goals are learner centered.									
RHE	OUC	<b>LET</b>	<b>1050</b>	<b>Ethics and Legal Issues</b>	LEC	EL	3	0	2SS	N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides a fundamental base of knowledge concerning contemporary law enforcement ethical and legal issues such as use of force, corruption, professional behavior, code of ethics, ethical dilemmas, and historical cases of ethical misconduct.									
RHE	OUC	<b>LET</b>	<b>1050</b>	<b>Ethics and Legal Issues</b>	LEC	LE	3	0	2SS	N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides a fundamental base of knowledge concerning contemporary law enforcement ethical and legal issues such as use of force, corruption, professional behavior, code of ethics, ethical dilemmas, and historical cases of ethical misconduct.									
RHE	OUC	<b>LET</b>	<b>1100</b>	<b>Police Role in Crime and Delinquency</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Exposes student to the extent and distribution of crime and delinquency, with special emphasis on basic factors and conditions contributing to the problem; some case study and evaluation of community resources in prevention field and detailed review of role of school, family, religious institutions, law enforcement agencies, courts, and correctional institutions. Part law enforcement agencies play in juvenile delinquency control, organization and functions of related juvenile agencies, laws governing handling of juvenile offenders, and brief resume of juvenile court and its jurisdiction.									
RHE	OUC	<b>LET</b>	<b>1100</b>	<b>Police Role in Crime and Delinquency</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Exposes student to the extent and distribution of crime and delinquency, with special emphasis on basic factors and conditions contributing to the problem; some case study and evaluation of community resources in prevention field and detailed review of role of school, family, religious institutions, law enforcement agencies, courts, and correctional institutions. Part law enforcement agencies play in juvenile delinquency control, organization and functions of related juvenile agencies, laws governing handling of juvenile offenders, and brief resume of juvenile court and its jurisdiction.									
RHE	OUC	<b>LET</b>	<b>1200</b>	<b>Constitution &amp; Criminal Law</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Principles that guide the constitution, criminal, and civil law from a law enforcement perspective. Lectures supplemented with in-class practical problem-solving exercises. Instructional goals are learner centered.									
RHE	OUC	<b>LET</b>	<b>1200</b>	<b>Constitution &amp; Criminal Law</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Principles that guide the constitution, criminal, and civil law from a law enforcement perspective. Lectures supplemented with in-class practical problem-solving exercises. Instructional goals are learner centered.									
RHE	OUC	<b>LET</b>	<b>1300</b>	<b>Interviewing and Report Writing</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Develops knowledge and skills involved in the interviewing and interrogation process and procedures utilized by law enforcement and criminal justice professionals. Enhances students' abilities in collecting information, taking statements, writing descriptive narratives, and report preparation. Practical exercises and scenarios utilized. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of interviewing and interrogation and its application in a contemporary criminal justice system. Instructional goals are teacher-directed and learner centered.									
RHE	OUC	<b>LET</b>	<b>1300</b>	<b>Interviewing and Report Writing</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Develops knowledge and skills involved in the interviewing and interrogation process and procedures utilized by law enforcement and criminal justice professionals. Enhances students' abilities in collecting information, taking statements, writing descriptive narratives, and report preparation. Practical exercises and scenarios utilized. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose student to the practical side of interviewing and interrogation and its application in a contemporary criminal justice system. Instructional goals are teacher-directed and learner centered.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>LET</b>	<b>1350</b>	<b>Introduction to Corrections</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to the American correctional system with particular focus on the use of imprisonment as a means of controlling criminal behavior. Examines the historical perspectives of corrections in America, provides a brief overview of alternatives to imprisonment, and analyzes different types of correctional settings and correctional clients.									
RHE	OUC	<b>LET</b>	<b>1350</b>	<b>Introduction to Corrections</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to the American correctional system with particular focus on the use of imprisonment as a means of controlling criminal behavior. Examines the historical perspectives of corrections in America, provides a brief overview of alternatives to imprisonment, and analyzes different types of correctional settings and correctional clients.									
RHE	OUC	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	LAB	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1500</b>	<b>Police Operations</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1500</b>	<b>Police Operations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>1550</b>	<b>Management of a Correctional Crisis</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>LET</b>	<b>1550</b>	<b>Management of a Correctional Crisis</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>LET</b>	<b>2000</b>	<b>Procedures, Rules, and Test of Evidence</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Acquaints students with court system in Ohio, its functions, authority, and duties. Explains workings of all courts of record and provides description of mayor's courts which are only courts not of record in State of Ohio. Kinds and degrees of evidence. Admissibility of evidence in criminal court cases, materiality and competency of evidence. Distinction between admissions and confessions; exceptions to hearsay rule; types of evidence.									
RHE	OUC	<b>LET</b>	<b>2000</b>	<b>Procedures, Rules, and Test of Evidence</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Acquaints students with court system in Ohio, its functions, authority, and duties. Explains workings of all courts of record and provides description of mayor's courts which are only courts not of record in State of Ohio. Kinds and degrees of evidence. Admissibility of evidence in criminal court cases, materiality and competency of evidence. Distinction between admissions and confessions; exceptions to hearsay rule; types of evidence.									
RHE	OUC	<b>LET</b>	<b>2050</b>	<b>Introduction to Legal Issues in Corrections</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides a comprehensive discussion of the legal aspects of specific operational areas of corrections, such as prisoner rights under the constitution, health care, and right to an attorney, religion, privacy, and cruel or unusual punishment.									
RHE	OUC	<b>LET</b>	<b>2050</b>	<b>Introduction to Legal Issues in Corrections</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides a comprehensive discussion of the legal aspects of specific operational areas of corrections, such as prisoner rights under the constitution, health care, and right to an attorney, religion, privacy, and cruel or unusual punishment.									
RHE	OUC	<b>LET</b>	<b>2100</b>	<b>Introduction to Occupational Fraud Management</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the major methods employees utilize to commit occupational fraud. Students learn the basic principles underlying occupational fraud including how to detect and deter fraud.									
RHE	OUC	<b>LET</b>	<b>2100</b>	<b>Introduction to Occupational Fraud Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the major methods employees utilize to commit occupational fraud. Students learn the basic principles underlying occupational fraud including how to detect and deter fraud.									
RHE	OUC	<b>LET</b>	<b>2150</b>	<b>Cybernetics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the application and use of computers and/or automated systems for rapid storage and retrieval of information. Explores the types of electronic data processing systems and their compatibility with contemporary police operations. Introduction to the five Information Competency Principles to develop the skills necessary to achieve information competency. Students apply information competency to criminal justice research developing skills through library research, practice in MLA and APA documentation, and completing a research assignment 6-8 pages in length.									
RHE	OUC	<b>LET</b>	<b>2150</b>	<b>Cybernetics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the application and use of computers and/or automated systems for rapid storage and retrieval of information. Explores the types of electronic data processing systems and their compatibility with contemporary police operations. Introduction to the five Information Competency Principles to develop the skills necessary to achieve information competency. Students apply information competency to criminal justice research developing skills through library research, practice in MLA and APA documentation, and completing a research assignment 6-8 pages in length.									
RHE	OUC	<b>LET</b>	<b>2200</b>	<b>Court Procedures and Processes</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Case preparation, officer testimony and demeanor in court, effective preparation and presentation of criminal evidence, trial procedures, utilization of written notes, and reaction to cross examination.									
RHE	OUC	<b>LET</b>	<b>2200</b>	<b>Court Procedures and Processes</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Case preparation, officer testimony and demeanor in court, effective preparation and presentation of criminal evidence, trial procedures, utilization of written notes, and reaction to cross examination.									
RHE	OUC	<b>LET</b>	<b>2250</b>	<b>Correctional Management &amp; Supervision</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									



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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>LET</b>	<b>2250</b>	<b>Correctional Management &amp; Supervision</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Provides a detailed discussion of management and supervision within the corrections environment, including the nature of corrections supervision, basic management functions, performance appraisals, dealing with problem employees, and decision making.									
RHE	OUC	<b>LET</b>	<b>2300</b>	<b>Police Community Relations</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2300</b>	<b>Police Community Relations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2350</b>	<b>Introduction to Probation and Parole</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2350</b>	<b>Introduction to Probation and Parole</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2400</b>	<b>Introduction to Computer Fraud</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2400</b>	<b>Introduction to Computer Fraud</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2450</b>	<b>Law Enforcement Administration and Supervision</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2450</b>	<b>Law Enforcement Administration and Supervision</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2500</b>	<b>Vice and Narcotic Control</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>LET</b>	<b>2500</b>	<b>Vice and Narcotic Control</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2600	<b>Multicultural Policing: Cultural Perspectives in Criminal Justice</b>	LEC	EL	3	0	2CP	N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2600	<b>Multicultural Policing: Cultural Perspectives in Criminal Justice</b>	LEC	LE	3	0	2CP	N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2650	<b>Introduction to Criminal Investigation</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2650	<b>Introduction to Criminal Investigation</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2750	<b>Law Enforcement and the Deaf</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Issues involved in working with a deaf victim or suspect. Covers ADA requirements for law enforcement, courts, and attorneys.									
RHE	OUC	LET	2750	<b>Law Enforcement and the Deaf</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Issues involved in working with a deaf victim or suspect. Covers ADA requirements for law enforcement, courts, and attorneys.									
RHE	OUC	LET	2800	<b>Traffic Enforcement, Education, and Engineering</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2800	<b>Traffic Enforcement, Education, and Engineering</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2850	<b>Contemporary Issues in Corrections</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	LET	2850	<b>Contemporary Issues in Corrections</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	2900	<b>Special Topics in Law Enforcement Technology</b>	LEC	EL	1 to 15	999		N	U20		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
RHE	OUC	LET	2900	<b>Special Topics in Law Enforcement Technology</b>	LEC	LE	1 to 15	999		N	U20		0
				ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.									
RHE	OUC	LET	2901	<b>Unarmed Self-Defense</b>	TUT	TU	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Introduction to the principles of unarmed self-defense from the perspective of a criminal justice practitioner.									
RHE	OUC	LET	2903	<b>Administrative Components of Law Enforcement Technology</b>	LEC	EL	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the administrative components of the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of law enforcement.									
RHE	OUC	LET	2903	<b>Administrative Components of Law Enforcement Technology</b>	LEC	LE	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the administrative components of the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of law enforcement.									
RHE	OUC	LET	2904	<b>Human Diversity and Relations in Law Enforcement</b>	LEC	EL	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines the special topics of human diversity and human relations within the context of its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of human relations.									
RHE	OUC	LET	2904	<b>Human Diversity and Relations in Law Enforcement</b>	LEC	LE	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines the special topics of human diversity and human relations within the context of its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of human relations.									
RHE	OUC	LET	2905	<b>Ohio Motor Vehicle Code</b>	LEC	EL	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the Ohio Motor Vehicle administrative code and its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of motor vehicle enforcement.									
RHE	OUC	LET	2905	<b>Ohio Motor Vehicle Code</b>	LEC	LE	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the Ohio Motor Vehicle administrative code and its application to the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of motor vehicle enforcement.									
RHE	OUC	LET	2906	<b>Preliminary Aspects of Judicial Law</b>	LEC	EL	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the Ohio Revised Code including civil liability and the use of force within the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of civil liability and use of force in a contemporary criminal justice system.									
RHE	OUC	LET	2906	<b>Preliminary Aspects of Judicial Law</b>	LEC	LE	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special topics within the Ohio Revised Code including civil liability and the use of force within the criminal justice system. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of civil liability and use of force in a contemporary criminal justice system.									
RHE	OUC	LET	2907	<b>Procedural Research</b>	LEC	EL	1 to 3	0		N	U20		0
				ELIGIBLE GRADES: A-F COURSE DESC: Examines special research topics and their application to the criminal justice system by introducing the student to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of applied research.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>LET</b>	<b>2907</b>	<b>Procedural Research</b>	LEC	LE	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines special research topics and their application to the criminal justice system by introducing the student to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Lectures supplemented with in-class practical problem solving exercises to develop critical thinking and expose the student to the practical side of applied research.									
RHE	OUC	<b>LET</b>	<b>2908</b>	<b>Terrorism and Homeland Security</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the basic principles of terrorism and homeland security as they apply in today's global environment. Explores the various definitions of terrorism, varieties of terrorism, rise of religious fundamentalism as a basis for terrorism, contemporary terrorist threats, and principles of emergency response to terrorist incidents.									
RHE	OUC	<b>LET</b>	<b>2908</b>	<b>Terrorism and Homeland Security</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the basic principles of terrorism and homeland security as they apply in today's global environment. Explores the various definitions of terrorism, varieties of terrorism, rise of religious fundamentalism as a basis for terrorism, contemporary terrorist threats, and principles of emergency response to terrorist incidents.									
RHE	OUC	<b>LET</b>	<b>2910</b>	<b>Internship in Criminal Justice</b>	FLD	EL	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides an opportunity to develop and apply core law enforcement competencies, skills, abilities, and knowledge through practical work experiences within a law enforcement organization.									
RHE	OUC	<b>LET</b>	<b>2910</b>	<b>Internship in Criminal Justice</b>	FLD	FE	1 to 3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Provides an opportunity to develop and apply core law enforcement competencies, skills, abilities, and knowledge through practical work experiences within a law enforcement organization.									
RHE	OUC	<b>LET</b>	<b>3500</b>	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	<b>LET</b>	<b>3500</b>	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	<b>LET</b>	<b>3500</b>	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	<b>LET</b>	<b>3550</b>	<b>Criminal Justice Research Methods</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines criminal justice research methodology, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Develops knowledge of Internet surveys, research ethics, research methodology and design, and data analysis.									
RHE	OUC	<b>LET</b>	<b>3550</b>	<b>Criminal Justice Research Methods</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Examines criminal justice research methodology, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of criminal justice statistical information. Develops knowledge of Internet surveys, research ethics, research methodology and design, and data analysis.									
RHE	OUC	<b>LET</b>	<b>3555</b>	<b>Quantitative Applications in Criminal Justice Research</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: not COMS 3520 or PSY 2110 or MATH 2500 Examine quantitative applications in criminal justice research. Introduces the student to the use of statistical inferences and tests of significance to answer criminal justice research questions. Explore the application of multivariate statistics from a criminal justice construct. Develop a working knowledge of statistical research applications such as SPSS in social research problems.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	LET	3555	<b>Quantitative Applications in Criminal Justice Research</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: not COMS 3520 or PSY 2110 or MATH 2500 Examine quantitative applications in criminal justice research. Introduces the student to the use of statistical inferences and tests of significance to answer criminal justice research questions. Explore the application of multivariate statistics from a criminal justice construct. Develop a working knowledge of statistical research applications such as SPSS in social research problems.									
RHE	OUC	LET	3600	<b>Chemistry and the Law</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	3600	<b>Chemistry and the Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	4900	<b>Special Topics in Law Enforcement Technology</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
RHE	OUC	LET	4900	<b>Special Topics in Law Enforcement Technology</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
RHE	OUC	LET	5500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the fundamental principles of criminalistics, forensic science, role of the laboratory and their relationship to the criminal investigation process; crime scene search and recording, collection and preservation of physical evidence; scientific aids, modus operandi, sources of information, investigative follow-up and case preparation which represent a partial list of topics. Instructional goals are teacher directed and learner centered.									
RHE	OUC	LET	5600	<b>Chemistry and the Law</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	LET	5600	<b>Chemistry and the Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Examines the role of chemistry in the courtroom. Rules of evidence, admissibility and expert testimony extensively examined. Explores the relationship of logic, ethics, and wrongful convictions from the perspective of a forensic chemist. Particular emphasis given to forensic chemistry related to the disciplines of latent fingerprints, fire debris and explosives, DNA, controlled substances and toxicology. Application of course content in a mock trial involving testimony as an expert witness required.									
RHE	OUC	OTEC	1010	<b>Fundamentals of Information Technologies</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to the fundamentals of computers with an emphasis on computer literacy. Topics include: history of computers, computer components, Internet and Web 2.0, computer security, ethics, and privacy, computer careers and certification, and electronic files management.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUC	<b>OTEC</b>	<b>1010</b>	<b>Fundamentals of Information Technologies</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to the fundamentals of computers with an emphasis on computer literacy. Topics include: history of computers, computer components, Internet and Web 2.0, computer security, ethics, and privacy, computer careers and certification, and electronic files management.									
RHE	OUC	<b>OTEC</b>	<b>1210</b>	<b>Keyboarding I</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1210</b>	<b>Keyboarding I</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1220</b>	<b>Keyboarding II</b>	LEC	EL	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1220</b>	<b>Keyboarding II</b>	LEC	LE	3	0		N			0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1420</b>	<b>Medical Terminology for Administrative Professionals</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1420</b>	<b>Medical Terminology for Administrative Professionals</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1430</b>	<b>Legal Terminology</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1430</b>	<b>Legal Terminology</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1710</b>	<b>Administrative Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1710</b>	<b>Administrative Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1720</b>	<b>Medical Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	OUC	<b>OTEC</b>	<b>1720</b>	<b>Medical Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		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.									

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RHE	OUC	<b>OTEC</b>	<b>1730</b>	<b>Legal Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a legal office. Instruction on general law office routines including roles and responsibilities as well as electronic and paper file systems utilized.									
RHE	OUC	<b>OTEC</b>	<b>1730</b>	<b>Legal Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a legal office. Instruction on general law office routines including roles and responsibilities as well as electronic and paper file systems utilized.									
RHE	OUC	<b>OTEC</b>	<b>1890</b>	<b>Independent Study</b>	LEC	EL	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Studies in selected subject areas related to office technology under the direction of a faculty member. May be repeated up to 5 credit hours.									
RHE	OUC	<b>OTEC</b>	<b>1890</b>	<b>Independent Study</b>	LEC	LE	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Studies in selected subject areas related to office technology under the direction of a faculty member. May be repeated up to 5 credit hours.									
RHE	OUC	<b>OTEC</b>	<b>2000</b>	<b>Desktop Publishing</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 recommended Development of skills in desktop publishing applications with emphasis on web page design, graphics, and publishing information. Preparation of newsletters, brochures, photos, web pages, and catalogs of professional quality.									
RHE	OUC	<b>OTEC</b>	<b>2000</b>	<b>Desktop Publishing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 recommended Development of skills in desktop publishing applications with emphasis on web page design, graphics, and publishing information. Preparation of newsletters, brochures, photos, web pages, and catalogs of professional quality.									
RHE	OUC	<b>OTEC</b>	<b>2210</b>	<b>Dictation and Transcription</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 or 121 Development of machine transcription skills from taped dictation and various other methods of recording. Topics focus on transcribing materials into mailable copy using current word processing software with an emphasis on grammar, punctuation, proofreading, and formatting skills .									
RHE	OUC	<b>OTEC</b>	<b>2210</b>	<b>Dictation and Transcription</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 or 121 Development of machine transcription skills from taped dictation and various other methods of recording. Topics focus on transcribing materials into mailable copy using current word processing software with an emphasis on grammar, punctuation, proofreading, and formatting skills .									
RHE	OUC	<b>OTEC</b>	<b>2250</b>	<b>Applications in Word Processing</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 recommended Introduction to software applications in word processing with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2250</b>	<b>Applications in Word Processing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: OTEC 1210 recommended Introduction to software applications in word processing with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2260</b>	<b>Applications in Spreadsheets</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to software applications in spreadsheets with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2260</b>	<b>Applications in Spreadsheets</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to software applications in spreadsheets with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2270</b>	<b>Applications in Presentations</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to software applications in presentations with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2270</b>	<b>Applications in Presentations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to software applications in presentations with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2280</b>	<b>Applications in Databases</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to software applications in databases with emphasis on professional communications.									

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RHE	OUC	<b>OTEC</b>	<b>2280</b>	<b>Applications in Databases</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to software applications in databases with emphasis on professional communications.									
RHE	OUC	<b>OTEC</b>	<b>2300</b>	<b>Business Communications</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2300</b>	<b>Business Communications</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2310</b>	<b>Business Calculations</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2310</b>	<b>Business Calculations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2400</b>	<b>Medical Coding I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2400</b>	<b>Medical Coding I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2401</b>	<b>Medical Coding II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2401</b>	<b>Medical Coding II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2403</b>	<b>Medical Applications</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2403</b>	<b>Medical Applications</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2404</b>	<b>Health and Safety in the Medical Office</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Essentials of working as an administrative assistant in a medical office with a special emphasis on clinical techniques.									
RHE	OUC	<b>OTEC</b>	<b>2404</b>	<b>Health and Safety in the Medical Office</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Essentials of working as an administrative assistant in a medical office with a special emphasis on clinical techniques.									
RHE	OUC	<b>OTEC</b>	<b>2580</b>	<b>Time Management</b>	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		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.									
RHE	OUC	<b>OTEC</b>	<b>2580</b>	<b>Time Management</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		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.									



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RHE	OUC	<b>OTEC</b>	<b>2630</b>	<b>Introduction to Paralegal Studies</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Broad-based foundation in legal studies and business as it relates to the paralegal in a law office environment. Emphasis placed on legal documentation, terminology, records, research, correspondence, communication, and technical skill requirements. Information needed for CLA (Certified Legal Assistant) and CP (Certified Paralegal) certification provided.									
RHE	OUC	<b>OTEC</b>	<b>2630</b>	<b>Introduction to Paralegal Studies</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Broad-based foundation in legal studies and business as it relates to the paralegal in a law office environment. Emphasis placed on legal documentation, terminology, records, research, correspondence, communication, and technical skill requirements. Information needed for CLA (Certified Legal Assistant) and CP (Certified Paralegal) certification provided.									
RHE	OUC	<b>OTEC</b>	<b>2670</b>	<b>Office Supervision</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Involves principles and practices of management flow of information within an enterprise. Includes basic management and supervisory functions including planning, controlling, organizing, and leading as applied to office services, physical facilities, systems and procedures, work measurement and standards, and business information systems. Emphasis on matters of personnel as related to the administrative assistant.									
RHE	OUC	<b>OTEC</b>	<b>2670</b>	<b>Office Supervision</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Involves principles and practices of management flow of information within an enterprise. Includes basic management and supervisory functions including planning, controlling, organizing, and leading as applied to office services, physical facilities, systems and procedures, work measurement and standards, and business information systems. Emphasis on matters of personnel as related to the administrative assistant.									
RHE	OUC	<b>OTEC</b>	<b>2680</b>	<b>Information Systems Design</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Effective use of management techniques and equipment in meeting informational needs of business and industry via process documentation (technical writing), feasibility studies, and workflow diagramming. Emphasis on designing ergonomic office spaces utilizing process flow and design applications.									
RHE	OUC	<b>OTEC</b>	<b>2680</b>	<b>Information Systems Design</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Effective use of management techniques and equipment in meeting informational needs of business and industry via process documentation (technical writing), feasibility studies, and workflow diagramming. Emphasis on designing ergonomic office spaces utilizing process flow and design applications.									
RHE	OUC	<b>OTEC</b>	<b>2681</b>	<b>Introduction to Business Analysis</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to business analysis including obtaining/documenting processes, writing requirements, and identifying entities and attributes. Various roles of the business analyst researched and defined.									
RHE	OUC	<b>OTEC</b>	<b>2681</b>	<b>Introduction to Business Analysis</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to business analysis including obtaining/documenting processes, writing requirements, and identifying entities and attributes. Various roles of the business analyst researched and defined.									
RHE	OUC	<b>OTEC</b>	<b>2682</b>	<b>Technical Business Writing</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Development of specialized business writing skills with an emphasis on technical documents and graphics used to communicate directions, instructions, reports, proposals, processes, and other business forms.									
RHE	OUC	<b>OTEC</b>	<b>2682</b>	<b>Technical Business Writing</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Development of specialized business writing skills with an emphasis on technical documents and graphics used to communicate directions, instructions, reports, proposals, processes, and other business forms.									
RHE	OUC	<b>OTEC</b>	<b>2683</b>	<b>Applications in Project Management</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to essential elements of project management for the business analyst via application software. Emphasis placed on managing resources such as people, budgets, equipment, and time utilizing reporting tools invaluable for planning small and large projects.									
RHE	OUC	<b>OTEC</b>	<b>2683</b>	<b>Applications in Project Management</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to essential elements of project management for the business analyst via application software. Emphasis placed on managing resources such as people, budgets, equipment, and time utilizing reporting tools invaluable for planning small and large projects.									
RHE	OUC	<b>OTEC</b>	<b>2800</b>	<b>Seminar</b>	LEC	EL	1 to 2	999		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics and problems encountered in field experience discussed. Advancements in technology and applications addressed as needed. Career opportunities, ideas, and experiences shared to find possible answers to questions arising in actual work situations. Preservation of program coursework (artifacts) as evidence of learned skills may be required. May be taught in two separate entry and exit formats.									

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RHE	OUC	<b>OTEC</b>	<b>2800</b>	<b>Seminar</b>	LEC	LE	1 to 2	999		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics and problems encountered in field experience discussed. Advancements in technology and applications addressed as needed. Career opportunities, ideas, and experiences shared to find possible answers to questions arising in actual work situations. Preservation of program coursework (artifacts) as evidence of learned skills may be required. May be taught in two separate entry and exit formats.									
RHE	OUC	<b>OTEC</b>	<b>2900</b>	<b>Special Topics</b>	LEC	EL	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various projects and topics concerning information technology and the administrative assistant will be determined and discussed.									
RHE	OUC	<b>OTEC</b>	<b>2900</b>	<b>Special Topics</b>	LEC	LE	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Various projects and topics concerning information technology and the administrative assistant will be determined and discussed.									
RHE	OUC	<b>OTEC</b>	<b>2910</b>	<b>Internship</b>	FLD	FE	1 to 4	999		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Integrate career related experiences into an undergraduate education by participating in planned, supervised work. Preparation to make important career choices and gain field experience in a work setting or in-class office simulation.									
RHE	OUC	<b>OTEC</b>	<b>2920</b>	<b>Practicum</b>	PRA	EL	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Mentoring experiences in areas such as data processing labs or centers and/or administrative assistant settings. Responsibilities include assisting processing trainees, demonstrating equipment to classes/visitors, producing complex documents, designing forms, and learning/developing new systems.									
RHE	OUC	<b>OTEC</b>	<b>2920</b>	<b>Practicum</b>	PRA	PR	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Mentoring experiences in areas such as data processing labs or centers and/or administrative assistant settings. Responsibilities include assisting processing trainees, demonstrating equipment to classes/visitors, producing complex documents, designing forms, and learning/developing new systems.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	<b>ATCH</b>	<b>1030</b>	<b>Financial Accounting Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>1030</b>	<b>Financial Accounting Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>1040</b>	<b>Managerial Accounting Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>1040</b>	<b>Managerial Accounting Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2030</b>	<b>Tax and Governmental Reporting Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2030</b>	<b>Tax and Governmental Reporting Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2040</b>	<b>Electronic Data Processing Accounting Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2040</b>	<b>Electronic Data Processing Accounting Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2050</b>	<b>Manufacturing Accounting</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2050</b>	<b>Manufacturing Accounting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2090</b>	<b>Business Statistics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2090</b>	<b>Business Statistics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>ATCH</b>	<b>2250</b>	<b>Federal Income Tax Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ATCH 2030 Comprehensive course in fundamentals of federal income taxation and preparation of individual, partnership, and corporation tax returns.									
RHE	OUL	<b>ATCH</b>	<b>2250</b>	<b>Federal Income Tax Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ATCH 2030 Comprehensive course in fundamentals of federal income taxation and preparation of individual, partnership, and corporation tax returns.									
RHE	OUL	<b>ATCH</b>	<b>2330</b>	<b>Accounting Information Systems</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	<b>ATCH</b>	<b>2330</b>	<b>Accounting Information Systems</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ACCT 1010 or ATCH 1030						
		COURSE DESC:		Fundamental accounting principles and practices using data accumulation and working paper techniques employed by professional accountants in reporting on merchandising, manufacturing, and service companies. Application of generally accepted accounting principles to preparation of general purpose financial statements for internal and external use. Accounting software emphasized.									
RHE	OUL	<b>ATCH</b>	<b>2410</b>	<b>Auditing Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ATCH 2250						
		COURSE DESC:		Study of purposes and scope of audits including audit objectives, professional ethics, audit files and working papers, legal responsibilities, internal control, tests of transactions, audit procedures and disclosure requirements, and preparation of audit reports.									
RHE	OUL	<b>ATCH</b>	<b>2410</b>	<b>Auditing Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ATCH 2250						
		COURSE DESC:		Study of purposes and scope of audits including audit objectives, professional ethics, audit files and working papers, legal responsibilities, internal control, tests of transactions, audit procedures and disclosure requirements, and preparation of audit reports.									
RHE	OUL	<b>ATCH</b>	<b>2900</b>	<b>Special Topics in Accounting Technology</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	<b>ATCH</b>	<b>2900</b>	<b>Special Topics in Accounting Technology</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	<b>ATCH</b>	<b>2990</b>	<b>Independent Study</b>	LEC	EL	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Supervised independent study projects in accounting technology.									
RHE	OUL	<b>ATCH</b>	<b>2990</b>	<b>Independent Study</b>	LEC	LE	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Supervised independent study projects in accounting technology.									
RHE	OUL	<b>BMT</b>	<b>1010</b>	<b>Business and Its Environment</b>	LEC	LE	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		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.									
RHE	OUL	<b>BMT</b>	<b>1100</b>	<b>Introduction to Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Nature of managerial concepts, managerial functions, and organizational structure, with emphasis on current issues.									
RHE	OUL	<b>BMT</b>	<b>1150</b>	<b>Foundations of Quality and Continuous Improvement</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BMT 1100 is recommended						
		COURSE DESC:		History of the quality movement along with the current thinking and best practices for organization effectiveness. The quality of management and its responsibilities for overall effectiveness emphasized including process improvement and use of quality tools.									
RHE	OUL	<b>BMT</b>	<b>1200</b>	<b>Mathematics in Business</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MATH 1101 or Math Placement Level 1 or higher						
		COURSE DESC:		Application of basic math to business problems. Special emphasis on compound interest, installment buying, and depreciation. Elementary applications of probabilities and statistics. Introduction to computer programs commonly used in business math applications.									
RHE	OUL	<b>BMT</b>	<b>1400</b>	<b>Concepts of Marketing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to problems of manufacturers, wholesalers, and retailers as they relate to modern marketing, market, and product.									
RHE	OUL	<b>BMT</b>	<b>1500</b>	<b>Elements of Supervision</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Concepts of modern-day supervision. Emphasis on supervisor's major functions and development of sensitivity to human facets in management and application of effective supervisor practices.									

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RHE	OUL	<b>BMT</b>	<b>1700</b>	<b>Small Business Operations</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BMT 1100 and BMT 1400 are RECOMMENDED Includes preparation of student for selection and operation of small business. Balanced program of all major aspects confronting small business operator, including finance, personnel, sales, success and failure factors, and business planning activities.									
RHE	OUL	<b>BMT</b>	<b>1700</b>	<b>Small Business Operations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BMT 1100 and BMT 1400 are RECOMMENDED Includes preparation of student for selection and operation of small business. Balanced program of all major aspects confronting small business operator, including finance, personnel, sales, success and failure factors, and business planning activities.									
RHE	OUL	<b>BMT</b>	<b>1800</b>	<b>Women in Management and Leadership</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Explores the management issues related to women in leadership positions. Case studies, discussion, business research, and project based activities used to deliver course content.									
RHE	OUL	<b>BMT</b>	<b>1890</b>	<b>Independent Study</b>	LEC	EL	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Projects concerning business management or technology explored with instructor in classroom, teams or one-to-one. Studies selected in subject areas in business field.									
RHE	OUL	<b>BMT</b>	<b>1890</b>	<b>Independent Study</b>	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Projects concerning business management or technology explored with instructor in classroom, teams or one-to-one. Studies selected in subject areas in business field.									
RHE	OUL	<b>BMT</b>	<b>2000</b>	<b>Introduction to Business Computing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Focuses on PC-based applications used in business and industry, such as word processing, spreadsheets, databases, and presentation packages including web applications. Computer lab setting.									
RHE	OUL	<b>BMT</b>	<b>2030</b>	<b>Business Career Profiles</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Exploration of career opportunities by examining industries, business sectors, organizations, and management positions. Opportunities to achieve a better grasp of the various activities and institutions found in the business community; expectations of organizations.									
RHE	OUL	<b>BMT</b>	<b>2100</b>	<b>Managing Finance in Business</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ATCH 1030 and 1040 Introduction to basic concepts, principles, and analytical techniques of financing. Emphasis on planning and managing assets.									
RHE	OUL	<b>BMT</b>	<b>2200</b>	<b>Concepts of Purchasing Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Analysis of purchasing operation's structure and procedure. Descriptions of quality, quantity, value analysis, sources of supply, and procurement controls. Vendor/buyer relationships, make-or-buy decisions, inventory control, buyer training, materials handling, records, and budgets.									
RHE	OUL	<b>BMT</b>	<b>2300</b>	<b>Concepts of Sales</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Policies and procedures pertaining to planning sales effort and control of sales operations. Professional selling strategies and approaches as related to business to business selling.									
RHE	OUL	<b>BMT</b>	<b>2300</b>	<b>Concepts of Sales</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Policies and procedures pertaining to planning sales effort and control of sales operations. Professional selling strategies and approaches as related to business to business selling.									
RHE	OUL	<b>BMT</b>	<b>2350</b>	<b>Basic Retailing Service Marketing and Management</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Review of fundamental service marketing and management strategies and activities.									
RHE	OUL	<b>BMT</b>	<b>2350</b>	<b>Basic Retailing Service Marketing and Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Review of fundamental service marketing and management strategies and activities.									
RHE	OUL	<b>BMT</b>	<b>2400</b>	<b>Concepts of Audience Analysis</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Not Business Administration major Development of knowledge of behavior content of marketing in consumer fields. Examination of applicable theory and research findings and concepts provided by psychology, sociology, anthropology, and marketing. Stress on conceptual models of buyer behavior based on sources of influence.									

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RHE	OUL	<b>BMT</b>	<b>2400</b>	<b>Concepts of Audience Analysis</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2500</b>	<b>Practical Personnel Procedures</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2500</b>	<b>Practical Personnel Procedures</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2550</b>	<b>Visual Merchandising in Retail and Service Organizations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	BMT 2350						
		COURSE DESC:		Examines how visual merchandising integrates in retail strategies and sales promotion.									
RHE	OUL	<b>BMT</b>	<b>2600</b>	<b>Business Report Writing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Tier I English and not Business Administration major						
		COURSE DESC:		Practice in planning and writing effective business letters, memoranda, and reports.									
RHE	OUL	<b>BMT</b>	<b>2700</b>	<b>Advertising Concepts</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		General course in advertising which emphasizes psychology, advertising agency, media research, brands, and labels.									
RHE	OUL	<b>BMT</b>	<b>2700</b>	<b>Advertising Concepts</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		General course in advertising which emphasizes psychology, advertising agency, media research, brands, and labels.									
RHE	OUL	<b>BMT</b>	<b>2750</b>	<b>Managerial Planning</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2800</b>	<b>Concepts of Labor and Management Relations</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2850</b>	<b>Government and Business</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Business and government relations, with emphasis on analysis of selected areas involving public policy and business.									
RHE	OUL	<b>BMT</b>	<b>2880</b>	<b>Computer Applications for Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>BMT</b>	<b>2890</b>	<b>Special Topics</b>	LEC	EL	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced projects concerning business management explored with instructor in classroom, teams or one-to-one. For advanced students only.									
RHE	OUL	<b>BMT</b>	<b>2890</b>	<b>Special Topics</b>	LEC	LE	1 to 3	12		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Advanced projects concerning business management explored with instructor in classroom, teams or one-to-one. For advanced students only.									
RHE	OUL	<b>BMT</b>	<b>2900</b>	<b>Special Topics in Business Management Technology</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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RHE	OUL	<b>BMT</b>	<b>2900</b>	<b>Special Topics in Business Management Technology</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
RHE	OUL	<b>CTCH</b>	<b>1250</b>	<b>Introduction to Computers</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: not BMT 2000 Introduces productivity software within the framework of business applications. Involves hands-on assignments including operating systems, word processing, spreadsheets, presentation graphics, the Internet, and email.									
RHE	OUL	<b>CTCH</b>	<b>1250</b>	<b>Introduction to Computers</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: not BMT 2000 Introduces productivity software within the framework of business applications. Involves hands-on assignments including operating systems, word processing, spreadsheets, presentation graphics, the Internet, and email.									
RHE	OUL	<b>CTCH</b>	<b>1270</b>	<b>Introduction to Website Management</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to Website management principles, skills, techniques, strategies, hardware, and software necessary to operate and maintain a successful Website or Intranet. Emphasis on how to maximize the usability of a website while maintaining the structure necessary to allow the site to change and grow.									
RHE	OUL	<b>CTCH</b>	<b>1270</b>	<b>Introduction to Website Management</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to Website management principles, skills, techniques, strategies, hardware, and software necessary to operate and maintain a successful Website or Intranet. Emphasis on how to maximize the usability of a website while maintaining the structure necessary to allow the site to change and grow.									
RHE	OUL	<b>CTCH</b>	<b>1300</b>	<b>Technologies for Project Planning and Communication</b>	LEC	EL	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BMT 2000 or CTCH 1250 A hands-on approach to the use of computer tools to support activities in project communication including event planning, personnel record keeping and scheduling. Uses project management and database software applications to plan, design, track and analyze data and activity. Preparation of e-portfolio and posting to the Internet.									
RHE	OUL	<b>CTCH</b>	<b>1300</b>	<b>Technologies for Project Planning and Communication</b>	LEC	LE	3	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BMT 2000 or CTCH 1250 A hands-on approach to the use of computer tools to support activities in project communication including event planning, personnel record keeping and scheduling. Uses project management and database software applications to plan, design, track and analyze data and activity. Preparation of e-portfolio and posting to the Internet.									
RHE	OUL	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	LAB	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2 Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2 Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2 Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MATH 1200 or higher or concurrent or Math placement level 2 Introduction to computer programming design topics and principles including variables, expression evaluation, logic structures, modular programming, structured design, procedural and object-oriented languages, documentation, and testing. Analyze, design, program, test, and debug business applications.									
RHE	OUL	<b>CTCH</b>	<b>1600</b>	<b>Network Concepts I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in MATH D005 or Math Placement Level 1 or higher and WARNING: Not CTCH 1891 Explores concepts and principles of business data communications. Topics include communication media and equipment, data transmission, protocols, networks, and network management.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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RHE	OUL	<b>CTCH</b>	<b>1600</b>	<b>Network Concepts I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in MATH D005 or Math Placement Level 1 or higher and WARNING: Not CTCH 1891 Explores concepts and principles of business data communications. Topics include communication media and equipment, data transmission, protocols, networks, and network management.									
RHE	OUL	<b>CTCH</b>	<b>1610</b>	<b>Network Concepts II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in (CTCH 1600 or 1891) Explores concepts and principles of computer networks. Topics include uses of computer networks, network basics, building a network, network management, and network security.									
RHE	OUL	<b>CTCH</b>	<b>1610</b>	<b>Network Concepts II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in (CTCH 1600 or 1891) Explores concepts and principles of computer networks. Topics include uses of computer networks, network basics, building a network, network management, and network security.									
RHE	OUL	<b>CTCH</b>	<b>1620</b>	<b>Network Systems I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1610 Explores concepts and principles of client server systems. Topics include introduction to client server computing, how to build a client server system, and client server management.									
RHE	OUL	<b>CTCH</b>	<b>1620</b>	<b>Network Systems I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1610 Explores concepts and principles of client server systems. Topics include introduction to client server computing, how to build a client server system, and client server management.									
RHE	OUL	<b>CTCH</b>	<b>1630</b>	<b>Network Systems II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1620 Explores concepts and principles of WAN and Internet. Topics include the standards, technologies, infrastructure, protocols, management, and security of WAN and Internet.									
RHE	OUL	<b>CTCH</b>	<b>1630</b>	<b>Network Systems II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		C or better in CTCH 1620 Explores concepts and principles of WAN and Internet. Topics include the standards, technologies, infrastructure, protocols, management, and security of WAN and Internet.									
RHE	OUL	<b>CTCH</b>	<b>1801</b>	<b>Introduction to Microsoft Word</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Students learn the basics of creating and editing a basic word processing document using Microsoft Word. Techniques covered include page formatting such as setting margins and controlling layout, formatting text with color and font choice, paragraph formatting with spacing and justification, and use of graphics such as pictures and clipart.									
RHE	OUL	<b>CTCH</b>	<b>1801</b>	<b>Introduction to Microsoft Word</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Students learn the basics of creating and editing a basic word processing document using Microsoft Word. Techniques covered include page formatting such as setting margins and controlling layout, formatting text with color and font choice, paragraph formatting with spacing and justification, and use of graphics such as pictures and clipart.									
RHE	OUL	<b>CTCH</b>	<b>1802</b>	<b>Intermediate Microsoft Word</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to create complex documents in Microsoft Word.									
RHE	OUL	<b>CTCH</b>	<b>1802</b>	<b>Intermediate Microsoft Word</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to create complex documents in Microsoft Word.									
RHE	OUL	<b>CTCH</b>	<b>1803</b>	<b>Advanced Microsoft Word</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to complete advanced techniques in Microsoft Word including form creation, collaboration techniques, advanced graphics, and customization of the Word interface.									
RHE	OUL	<b>CTCH</b>	<b>1803</b>	<b>Advanced Microsoft Word</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Gives students the knowledge to complete advanced techniques in Microsoft Word including form creation, collaboration techniques, advanced graphics, and customization of the Word interface.									
RHE	OUL	<b>CTCH</b>	<b>1804</b>	<b>Introduction to Microsoft Excel</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		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									
RHE	OUL	<b>CTCH</b>	<b>1804</b>	<b>Introduction to Microsoft Excel</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		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									
RHE	OUL	<b>CTCH</b>	<b>1805</b>	<b>Intermediate Microsoft Excel</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									



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RHE	OUL	<b>CTCH</b>	<b>1805</b>	<b>Intermediate Microsoft Excel</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Builds on the basic skills required in MS Excel and expands the student's ability to use templates, customized charts and graphics, and use formulas.									
RHE	OUL	<b>CTCH</b>	<b>1806</b>	<b>Advanced Microsoft Excel</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Presents the experienced Microsoft Office Excel user with advanced skills.									
RHE	OUL	<b>CTCH</b>	<b>1806</b>	<b>Advanced Microsoft Excel</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Presents the experienced Microsoft Office Excel user with advanced skills.									
RHE	OUL	<b>CTCH</b>	<b>1807</b>	<b>Introduction to Microsoft Access</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Presents the skills needed to create a basic database using Microsoft Access									
RHE	OUL	<b>CTCH</b>	<b>1807</b>	<b>Introduction to Microsoft Access</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Presents the skills needed to create a basic database using Microsoft Access									
RHE	OUL	<b>CTCH</b>	<b>1808</b>	<b>Intermediate Microsoft Access</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Introduces the student to intermediate skills in using Microsoft Access, including the design of databases in Third Normal Form.									
RHE	OUL	<b>CTCH</b>	<b>1808</b>	<b>Intermediate Microsoft Access</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Introduces the student to intermediate skills in using Microsoft Access, including the design of databases in Third Normal Form.									
RHE	OUL	<b>CTCH</b>	<b>1809</b>	<b>Advanced Microsoft Access</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Provides the experienced MS Access user advanced skills in the use of Microsoft Access with a focus on advanced report generation.									
RHE	OUL	<b>CTCH</b>	<b>1809</b>	<b>Advanced Microsoft Access</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Provides the experienced MS Access user advanced skills in the use of Microsoft Access with a focus on advanced report generation.									
RHE	OUL	<b>CTCH</b>	<b>1821</b>	<b>Introduction to Microsoft PowerPoint</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE: WARNING: No credit for CTCH 1250 or BMT 2000									
		COURSE DESC:		Introduces basic skills in the use of Microsoft PowerPoint including the use of slide templates, master slides, transitions, text, graphics, and multimedia.									
RHE	OUL	<b>CTCH</b>	<b>1821</b>	<b>Introduction to Microsoft PowerPoint</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE: WARNING: No credit for CTCH 1250 or BMT 2000									
		COURSE DESC:		Introduces basic skills in the use of Microsoft PowerPoint including the use of slide templates, master slides, transitions, text, graphics, and multimedia.									
RHE	OUL	<b>CTCH</b>	<b>1822</b>	<b>Intermediate MS PowerPoint</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.									
RHE	OUL	<b>CTCH</b>	<b>1822</b>	<b>Intermediate MS PowerPoint</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F REQUISITE:									
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.									
RHE	OUL	<b>CTCH</b>	<b>1823</b>	<b>Creating Interactive Teaching Slides</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>1823</b>	<b>Creating Interactive Teaching Slides</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>1824</b>	<b>Introduction to Home Networks</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>1824</b>	<b>Introduction to Home Networks</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		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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RHE	OUL	<b>CTCH</b>	<b>1825</b>	<b>Introduction to Microsoft Project</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.									
RHE	OUL	<b>CTCH</b>	<b>1825</b>	<b>Introduction to Microsoft Project</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.									
RHE	OUL	<b>CTCH</b>	<b>1891</b>	<b>Internetworking I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MATH D005 or Math Placement Level 1 or higher						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1891</b>	<b>Internetworking I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in MATH D005 or Math Placement Level 1 or higher						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1892</b>	<b>Internetworking II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1891						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1892</b>	<b>Internetworking II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1891						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1893</b>	<b>Internetworking III</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1892						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1893</b>	<b>Internetworking III</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1892						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1894</b>	<b>Internetworking IV</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1893						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1894</b>	<b>Internetworking IV</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1893						
		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.									
RHE	OUL	<b>CTCH</b>	<b>1900</b>	<b>Special Topics and Workshops</b>	LEC	EL	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics and workshops in introductory computer science topics.									
RHE	OUL	<b>CTCH</b>	<b>1900</b>	<b>Special Topics and Workshops</b>	LEC	LE	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Special topics and workshops in introductory computer science topics.									
RHE	OUL	<b>CTCH</b>	<b>2140</b>	<b>Computer System Maintenance and Troubleshooting</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in CTCH 1250 or BMT 2000						
		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.									

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RHE	OUL	<b>CTCH</b>	<b>2140</b>	<b>Computer System Maintenance and Troubleshooting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2330</b>	<b>Survey of Emerging Languages</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study of new emerging programming languages and frameworks.									
RHE	OUL	<b>CTCH</b>	<b>2330</b>	<b>Survey of Emerging Languages</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Study of new emerging programming languages and frameworks.									
RHE	OUL	<b>CTCH</b>	<b>2340</b>	<b>COBOL Programming I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2340</b>	<b>COBOL Programming I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2341</b>	<b>COBOL Programming II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Continuation of CTCH 3400 with emphasis on table handling and file processing.									
RHE	OUL	<b>CTCH</b>	<b>2341</b>	<b>COBOL Programming II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Continuation of CTCH 3400 with emphasis on table handling and file processing.									
RHE	OUL	<b>CTCH</b>	<b>2380</b>	<b>Assembler Programming</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2380</b>	<b>Assembler Programming</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2400</b>	<b>C++ Programming</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2400</b>	<b>C++ Programming</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2410</b>	<b>Visual BASIC Programming</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.									
RHE	OUL	<b>CTCH</b>	<b>2410</b>	<b>Visual BASIC Programming</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.									
RHE	OUL	<b>CTCH</b>	<b>2420</b>	<b>Java Programming</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.									
RHE	OUL	<b>CTCH</b>	<b>2420</b>	<b>Java Programming</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.									

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RHE	OUL	<b>CTCH</b>	<b>2430</b>	<b>C Programming</b>	LEC	EL	3	0		N	U20		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1330									
				Introduction to the C programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	<b>CTCH</b>	<b>2430</b>	<b>C Programming</b>	LEC	LE	3	0		N	U20		75
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1330									
				Introduction to the C programming language. Includes analyzing, designing, coding, testing, and debugging business-related applications. Emphasis on top-down logic design and modular structured programming.									
RHE	OUL	<b>CTCH</b>	<b>2500</b>	<b>System Analysis</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BMT 2000 or CTCH 1250)									
				Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.									
RHE	OUL	<b>CTCH</b>	<b>2500</b>	<b>System Analysis</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (BMT 2000 or CTCH 1250)									
				Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.									
RHE	OUL	<b>CTCH</b>	<b>2640</b>	<b>Computer and Network Security</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer and networks security. Covers topics such as electronic security threats, strategies for host, network and application security, cryptography, firewalls, VPN, intrusion detection systems, incident response and developing security policy for an organization.									
RHE	OUL	<b>CTCH</b>	<b>2640</b>	<b>Computer and Network Security</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer and networks security. Covers topics such as electronic security threats, strategies for host, network and application security, cryptography, firewalls, VPN, intrusion detection systems, incident response and developing security policy for an organization.									
RHE	OUL	<b>CTCH</b>	<b>2650</b>	<b>Network Design and Implementation</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (CTCH 1600 or 1891)									
				Focuses on the design, installation, configuration, and management of a computer network. Also covers emerging technologies for network infrastructure and development.									
RHE	OUL	<b>CTCH</b>	<b>2650</b>	<b>Network Design and Implementation</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in (CTCH 1600 or 1891)									
				Focuses on the design, installation, configuration, and management of a computer network. Also covers emerging technologies for network infrastructure and development.									
RHE	OUL	<b>CTCH</b>	<b>2660</b>	<b>Wireless Systems</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Comprehensive overview of technologies, security, and best practices of wireless systems with current industrial standards such as IEEE802.11a, b, g, and n. Provides guidelines to plan, design, install, and configure wireless LANs. Wireless system security emphasized.									
RHE	OUL	<b>CTCH</b>	<b>2660</b>	<b>Wireless Systems</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Comprehensive overview of technologies, security, and best practices of wireless systems with current industrial standards such as IEEE802.11a, b, g, and n. Provides guidelines to plan, design, install, and configure wireless LANs. Wireless system security emphasized.									
RHE	OUL	<b>CTCH</b>	<b>2700</b>	<b>Network Management and Administration</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems and systems administration. Covers topics such as system installation and configuration, managing user accounts, configuring network services, managing system resources, system monitoring, back-up and recovery.									
RHE	OUL	<b>CTCH</b>	<b>2700</b>	<b>Network Management and Administration</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems and systems administration. Covers topics such as system installation and configuration, managing user accounts, configuring network services, managing system resources, system monitoring, back-up and recovery.									
RHE	OUL	<b>CTCH</b>	<b>2800</b>	<b>Operating Systems</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems. Explores different operating systems. Emphasis on what operating systems are, how they work, and how to use them, along with their similarities and differences.									
RHE	OUL	<b>CTCH</b>	<b>2800</b>	<b>Operating Systems</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: CTCH 1600 or 1891									
				Introduction to computer operating systems. Explores different operating systems. Emphasis on what operating systems are, how they work, and how to use them, along with their similarities and differences.									

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RHE	OUL	<b>CTCH</b>	<b>2801</b>	<b>Creating eBooks</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Teaches experienced word processor users the techniques needed to produce and publish their writing in ebook format.									
RHE	OUL	<b>CTCH</b>	<b>2801</b>	<b>Creating eBooks</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Teaches experienced word processor users the techniques needed to produce and publish their writing in ebook format.									
RHE	OUL	<b>CTCH</b>	<b>2802</b>	<b>Introduction to Google Docs</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the free online document creation and editing tools available through Google Docs.									
RHE	OUL	<b>CTCH</b>	<b>2802</b>	<b>Introduction to Google Docs</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the free online document creation and editing tools available through Google Docs.									
RHE	OUL	<b>CTCH</b>	<b>2803</b>	<b>Safe Facebooking</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2803</b>	<b>Safe Facebooking</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2804</b>	<b>Photoshop: Basic Correction Techniques</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the student to Photoshop software for enhancing photographs.									
RHE	OUL	<b>CTCH</b>	<b>2804</b>	<b>Photoshop: Basic Correction Techniques</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the student to Photoshop software for enhancing photographs.									
RHE	OUL	<b>CTCH</b>	<b>2805</b>	<b>Photoshop Artistic Enhancements</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Presents to the novice Photoshop user intermediate skills such as artistic filters and enhanced image composition.									
RHE	OUL	<b>CTCH</b>	<b>2805</b>	<b>Photoshop Artistic Enhancements</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Presents to the novice Photoshop user intermediate skills such as artistic filters and enhanced image composition.									
RHE	OUL	<b>CTCH</b>	<b>2850</b>	<b>Database Management Systems</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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.									
RHE	OUL	<b>CTCH</b>	<b>2850</b>	<b>Database Management Systems</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		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.									
RHE	OUL	<b>CTCH</b>	<b>2860</b>	<b>Database Application Development</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introductory database applications development course. Focuses on tools and techniques for designing and implementing input screens and reports, importing and exporting of data, data validation, use of external data, optimization of the application, support for multi-user access to the application, communicating with other applications, Internet integration, and documentation of the application.									
RHE	OUL	<b>CTCH</b>	<b>2860</b>	<b>Database Application Development</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introductory database applications development course. Focuses on tools and techniques for designing and implementing input screens and reports, importing and exporting of data, data validation, use of external data, optimization of the application, support for multi-user access to the application, communicating with other applications, Internet integration, and documentation of the application.									
RHE	OUL	<b>CTCH</b>	<b>2870</b>	<b>Database Administration</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to the administration of databases. Examines the role of a database administrator in designing, installing, configuring, and maintaining a database and a database server. Also covers management of secure access to the database and planning for disaster recovery.									

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RHE	OUL	<b>CTCH</b>	<b>2870</b>	<b>Database Administration</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2900</b>	<b>Special Topics</b>	LEC	EL	1 to 8	8		I	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2900</b>	<b>Special Topics</b>	LEC	LE	1 to 8	8		I	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>CTCH</b>	<b>2920</b>	<b>Practicum</b>	PRA	EL	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and no more than 6 hours of CTCH 2920 Practicum content varies									
RHE	OUL	<b>CTCH</b>	<b>2920</b>	<b>Practicum</b>	PRA	PR	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required and no more than 6 hours of CTCH 2920 Practicum content varies									
RHE	OUL	<b>DSI</b>	<b>1110</b>	<b>Beginning American Sign Language I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1110 Introduces American Sign Language (ASL) and Deaf culture. Encourages interaction with the Deaf community. Focuses on comprehension and production of fingerspelling, introductory numbers, and basic ASL and its grammatical structure.									
RHE	OUL	<b>DSI</b>	<b>1110</b>	<b>Beginning American Sign Language I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1110 Introduces American Sign Language (ASL) and Deaf culture. Encourages interaction with the Deaf community. Focuses on comprehension and production of fingerspelling, introductory numbers, and basic ASL and its grammatical structure.									
RHE	OUL	<b>DSI</b>	<b>1120</b>	<b>Beginning American Sign Language II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120 Continuation of DSI 1110. Continued interaction with the Deaf community required. Acquire increased awareness of ASL/Deaf culture and the rules and norms which govern their practice.									
RHE	OUL	<b>DSI</b>	<b>1120</b>	<b>Beginning American Sign Language II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120 Continuation of DSI 1110. Continued interaction with the Deaf community required. Acquire increased awareness of ASL/Deaf culture and the rules and norms which govern their practice.									
RHE	OUL	<b>DSI</b>	<b>1510</b>	<b>Visual Gestural Communication in ASL</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 Focuses on the language instinct inherent with the deaf community. Gestural communicative techniques examined and applied. Exposure to a variety of home signs and how they have influenced signed languages at large.									
RHE	OUL	<b>DSI</b>	<b>1610</b>	<b>Orientation to the d/Deaf World</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 In-depth look at audiology and the impact its practice has on the educational placement of deaf children. Examines the differences between identities and experiences of the d/Deaf community. The social connotation of terminology utilized both within and outside the community examined. State and federal legislation and services for the Deaf also studied.									
RHE	OUL	<b>DSI</b>	<b>1610</b>	<b>Orientation to the d/Deaf World</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 In-depth look at audiology and the impact its practice has on the educational placement of deaf children. Examines the differences between identities and experiences of the d/Deaf community. The social connotation of terminology utilized both within and outside the community examined. State and federal legislation and services for the Deaf also studied.									
RHE	OUL	<b>DSI</b>	<b>1810</b>	<b>Introduction to Interpreting</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2110 Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	<b>DSI</b>	<b>1810</b>	<b>Introduction to Interpreting</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2110 Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									

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RHE	OUL	<b>DSI</b>	<b>1810</b>	<b>Introduction to Interpreting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2110 Begin learning about the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	<b>DSI</b>	<b>1921</b>	<b>Environmental Observation in Interpreting</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1610 and 2110 Provides opportunities for students to examine a variety of potential interpreting environments and theoretically apply demand and control schema and professional decision making to real life situations.									
RHE	OUL	<b>DSI</b>	<b>1921</b>	<b>Environmental Observation in Interpreting</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1610 and 2110 Provides opportunities for students to examine a variety of potential interpreting environments and theoretically apply demand and control schema and professional decision making to real life situations.									
RHE	OUL	<b>DSI</b>	<b>2110</b>	<b>Intermediate American Sign Language I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Designed for intermediate American Sign Language students. Classifiers and their usage examined in depth as well as the different numerical systems in ASL. Continue to enhance comprehension and expression skills.									
				Students must either complete DSI 1110 and DSI 1120 or receive a Survival Plus rating on the Sign Language Proficiency Interview (or equivalent testing) before beginning the intermediate American Sign Language series.									
RHE	OUL	<b>DSI</b>	<b>2110</b>	<b>Intermediate American Sign Language I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Designed for intermediate American Sign Language students. Classifiers and their usage examined in depth as well as the different numerical systems in ASL. Continue to enhance comprehension and expression skills.									
				Students must either complete DSI 1110 and DSI 1120 or receive a Survival Plus rating on the Sign Language Proficiency Interview (or equivalent testing) before beginning the intermediate American Sign Language series.									
RHE	OUL	<b>DSI</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Continuation of DSI 2110. Continues to work toward fluency in ASL. Focuses on ASL idioms, ASL and English comparisons, advanced classifiers, current news, and conversational ASL.									
RHE	OUL	<b>DSI</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		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 Continuation of DSI 2110. Continues to work toward fluency in ASL. Focuses on ASL idioms, ASL and English comparisons, advanced classifiers, current news, and conversational ASL.									
RHE	OUL	<b>DSI</b>	<b>2130</b>	<b>American Sign Language Linguistics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 Introduction into the broad study of linguistics, as well as, the linguistics of ASL and the grammatical structure of the language. Looks at what constitutes a language and compares English and ASL through an examination of ASL's structure, acquisition and sociolinguistic aspects.									
RHE	OUL	<b>DSI</b>	<b>2130</b>	<b>American Sign Language Linguistics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 Introduction into the broad study of linguistics, as well as, the linguistics of ASL and the grammatical structure of the language. Looks at what constitutes a language and compares English and ASL through an examination of ASL's structure, acquisition and sociolinguistic aspects.									
RHE	OUL	<b>DSI</b>	<b>2140</b>	<b>Educational Interpreting</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1810 Looks at educational interpreting, its practices and idiosyncrasies from both a current and historical perspective. Examines such things as the IEP/MFE process, educational laws, technology (i.e., hearing aids, cochlear implants, and other assistive technology), and deaf students with special needs. Also focuses on the EIPA examination.									
RHE	OUL	<b>DSI</b>	<b>2140</b>	<b>Educational Interpreting</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1810 Looks at educational interpreting, its practices and idiosyncrasies from both a current and historical perspective. Examines such things as the IEP/MFE process, educational laws, technology (i.e., hearing aids, cochlear implants, and other assistive technology), and deaf students with special needs. Also focuses on the EIPA examination.									
RHE	OUL	<b>DSI</b>	<b>2150</b>	<b>Fingerspelling and the Interpreter</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2120 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.									
RHE	OUL	<b>DSI</b>	<b>2160</b>	<b>Seminar in Interpreting</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2820 Capstone course for the interpreting program. Prepares students for the NAD-RID national certification NIC knowledge portion of the exam. In addition, students prepare a professional portfolio and discuss opportunities for future employment.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	<b>DSI</b>	<b>2160</b>	<b>Seminar in Interpreting</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2820 Capstone course for the interpreting program. Prepares students for the NAD-RID national certification NIC knowledge portion of the exam. In addition, students prepare a professional portfolio and discuss opportunities for future employment.									
RHE	OUL	<b>DSI</b>	<b>2170</b>	<b>English and the Interpreter</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1810 Designed to enhance English and sign vocabulary. Examines such things as lexical substitutions in interpreting, commonly confused terminology, English idioms, prefixes and suffixes, etc.									
RHE	OUL	<b>DSI</b>	<b>2170</b>	<b>English and the Interpreter</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1810 Designed to enhance English and sign vocabulary. Examines such things as lexical substitutions in interpreting, commonly confused terminology, English idioms, prefixes and suffixes, etc.									
RHE	OUL	<b>DSI</b>	<b>2810</b>	<b>Professional Decision Making and Interpreting</b>	LEC	EL	2	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and DSI 1120 Focuses on the RID-NAD Code of Professional Conduct by applying its tenets to a variety of hypothetical interpreting scenarios. Students begin to understand their own ethical foundations and how decision making impacts everyone involved in the interpreting process.									
RHE	OUL	<b>DSI</b>	<b>2810</b>	<b>Professional Decision Making and Interpreting</b>	LEC	LE	2	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and DSI 1120 Focuses on the RID-NAD Code of Professional Conduct by applying its tenets to a variety of hypothetical interpreting scenarios. Students begin to understand their own ethical foundations and how decision making impacts everyone involved in the interpreting process.									
RHE	OUL	<b>DSI</b>	<b>2820</b>	<b>Interpreting and Transliterating Techniques I</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	<b>DSI</b>	<b>2820</b>	<b>Interpreting and Transliterating Techniques I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	<b>DSI</b>	<b>2820</b>	<b>Interpreting and Transliterating Techniques I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 1810 Begin the interpreting process while studying various models of interpreting. Takes a theoretical and practical approach to both consecutive and simultaneous interpreting.									
RHE	OUL	<b>DSI</b>	<b>2830</b>	<b>Interpreting and Transliterating Techniques II</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.									
RHE	OUL	<b>DSI</b>	<b>2830</b>	<b>Interpreting and Transliterating Techniques II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.									
RHE	OUL	<b>DSI</b>	<b>2830</b>	<b>Interpreting and Transliterating Techniques II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: C or better in DSI 2820 Continues to build on the theoretical and practical foundations established in DSI 2820. Focuses on real-world interpreting/transliterating situations within a wide range of contexts.									
RHE	OUL	<b>DSI</b>	<b>2860</b>	<b>Study of Deaf Culture</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 Provides an overview of the Deaf Community and its rich culture. Focuses on the American Deaf Community by exploring its origins, culture, identity politics, values, and history. Examines the oppression experienced by the Deaf community and the impact hegemony has had on the attitudes, values, and beliefs of both the hearing and d/Deaf community.									
RHE	OUL	<b>DSI</b>	<b>2860</b>	<b>Study of Deaf Culture</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 1120 Provides an overview of the Deaf Community and its rich culture. Focuses on the American Deaf Community by exploring its origins, culture, identity politics, values, and history. Examines the oppression experienced by the Deaf community and the impact hegemony has had on the attitudes, values, and beliefs of both the hearing and d/Deaf community.									
RHE	OUL	<b>DSI</b>	<b>2900</b>	<b>Special Topics in Deaf Studies</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
RHE	OUL	<b>DSI</b>	<b>2900</b>	<b>Special Topics in Deaf Studies</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									



**MASTER CURRICULUM FILE  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	<b>DSI</b>	<b>2921</b>	<b>Practicum I</b>	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required Students placed in a variety of real-world settings. Required to actively participate in the interpreting process in collaboration with working professional interpreters while applying concepts gleaned from their classroom experiences. Students adhere to the tenets of the NAD-RID Professional Code of Conduct. Each student observed and evaluated by practicum supervisor periodically throughout the semester. In addition, students maintain a log of their observations which is discussed in the seminar portion of the course.									
RHE	OUL	<b>DSI</b>	<b>2922</b>	<b>Practicum II</b>	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: DSI 2921 Students placed in a variety of real-world settings. Required to actively participate in the interpreting process in collaboration with working professional interpreters while applying concepts gleaned from their classroom experiences. Students adhere to the tenets of the NAD-RID Professional Code of Conduct. Each student observed and evaluated by practicum supervisor periodically throughout the semester. In addition, students maintain a log of their observations which is discussed in the seminar portion of the course.									
RHE	OUL	<b>ENGT</b>	<b>1150</b>	<b>Welding and Fabricating</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	<b>ENGT</b>	<b>1150</b>	<b>Welding and Fabricating</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	<b>ENGT</b>	<b>1150</b>	<b>Welding and Fabricating</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.									
RHE	OUL	<b>ENGT</b>	<b>1170</b>	<b>Metal Machining I</b>	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	<b>ENGT</b>	<b>1170</b>	<b>Metal Machining I</b>	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	<b>ENGT</b>	<b>1170</b>	<b>Metal Machining I</b>	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.									
RHE	OUL	<b>ENGT</b>	<b>1200</b>	<b>Basic Electronics</b>	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	<b>ENGT</b>	<b>1200</b>	<b>Basic Electronics</b>	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	<b>ENGT</b>	<b>1200</b>	<b>Basic Electronics</b>	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.									
RHE	OUL	<b>ENGT</b>	<b>1500</b>	<b>Machine Repair</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.									
RHE	OUL	<b>ENGT</b>	<b>1500</b>	<b>Machine Repair</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.									
RHE	OUL	<b>ENGT</b>	<b>1500</b>	<b>Machine Repair</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUL	<b>ENGT</b>	<b>1890</b>	<b>Special Topics</b>	LEC	LE	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Special topics that are current and relevant to the engineering technology field. May be repeated.									
RHE	OUL	<b>ENGT</b>	<b>2000</b>	<b>Electrical Motors, Control Circuits, and Computers</b>	LAB	LB	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1200 Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	<b>ENGT</b>	<b>2000</b>	<b>Electrical Motors, Control Circuits, and Computers</b>	LEC	EL	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1200 Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	<b>ENGT</b>	<b>2000</b>	<b>Electrical Motors, Control Circuits, and Computers</b>	LEC	LE	4	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1200 Industrial power rotating machines and computer control. Motor principles, classification, and application. Motor control circuits, single phase, 3-phase systems, relays, and overload protection. Testing and maintenance procedures. Field trips part of lab activity.									
RHE	OUL	<b>ENGT</b>	<b>2170</b>	<b>Metal Machining II</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1170 Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	<b>ENGT</b>	<b>2170</b>	<b>Metal Machining II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1170 Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	<b>ENGT</b>	<b>2170</b>	<b>Metal Machining II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 1170 Study and application of advanced metal machine tool practices, including the programming and operation of computer numerical controlled (CNC) milling equipment.									
RHE	OUL	<b>ENGT</b>	<b>2200</b>	<b>Basic Hydraulics and Pneumatics</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	<b>ENGT</b>	<b>2200</b>	<b>Basic Hydraulics and Pneumatics</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	<b>ENGT</b>	<b>2200</b>	<b>Basic Hydraulics and Pneumatics</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.									
RHE	OUL	<b>ENGT</b>	<b>2210</b>	<b>Programmable Controllers, Instrumentation and Process Control I</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 2000 and 2200 Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.									
RHE	OUL	<b>ENGT</b>	<b>2210</b>	<b>Programmable Controllers, Instrumentation and Process Control I</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 2000 and 2200 Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.									
RHE	OUL	<b>ENGT</b>	<b>2210</b>	<b>Programmable Controllers, Instrumentation and Process Control I</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 2000 and 2200 Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.									
RHE	OUL	<b>ENGT</b>	<b>2211</b>	<b>Programmable Controllers, Instrumentation and Process Control II</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: IMT 2210 Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.									

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RHE	OUL	<b>ENGT</b>	<b>2211</b>	<b>Programmable Controllers, Instrumentation and Process Control II</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.									
RHE	OUL	<b>ENGT</b>	<b>2211</b>	<b>Programmable Controllers, Instrumentation and Process Control II</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.									
RHE	OUL	<b>ENGT</b>	<b>2300</b>	<b>Tool Design</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.									
RHE	OUL	<b>ENGT</b>	<b>2300</b>	<b>Tool Design</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.									
RHE	OUL	<b>ENGT</b>	<b>2300</b>	<b>Tool Design</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Basic jig and fixture design. Relation to manufacturing processes, material requirements, gauging and cutting tools, with emphasis on repair and maintenance.									
RHE	OUL	<b>ENGT</b>	<b>2400</b>	<b>Materials and Material Testing</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.									
RHE	OUL	<b>ENGT</b>	<b>2400</b>	<b>Materials and Material Testing</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.									
RHE	OUL	<b>ENGT</b>	<b>2400</b>	<b>Materials and Material Testing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.									
RHE	OUL	<b>ENGT</b>	<b>2630</b>	<b>Process Control</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) 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.									
RHE	OUL	<b>ENGT</b>	<b>2630</b>	<b>Process Control</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) 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.									
RHE	OUL	<b>ENGT</b>	<b>2630</b>	<b>Process Control</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Math placement level 1 or higher or (Math D004 or Math D005) 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.									
RHE	OUL	<b>ENGT</b>	<b>2750</b>	<b>Self-Directed Work Teams</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.									
RHE	OUL	<b>ENGT</b>	<b>2750</b>	<b>Self-Directed Work Teams</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.									
RHE	OUL	<b>ENGT</b>	<b>2750</b>	<b>Self-Directed Work Teams</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Industrial work teams and the methods used to make them work. Explores use of continuous improvement and project management as they relate to the team concept. Includes field trips to local companies utilizing these methods.									
RHE	OUL	<b>ENGT</b>	<b>2900</b>	<b>Special Topics in Engineering Technology</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									

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RHE	OUL	<b>ENGT</b>	<b>2900</b>	<b>Special Topics in Engineering Technology</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR			REQUISITE:						
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUL	<b>ENGT</b>	<b>2930</b>	<b>Independent Study</b>	IND	IS	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		A-F, CR			REQUISITE:						
		COURSE DESC:		Study of a particular topic pertinent to the engineering technology field under the direction of a faculty member. May be repeated.									
RHE	OUL	<b>ENGT</b>	<b>2990</b>	<b>Externship</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	IMT 1150 and 1170 and 1200 and 2200 and 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.									
RHE	OUL	<b>ENGT</b>	<b>2990</b>	<b>Externship</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	IMT 1150 and 1170 and 1200 and 2200 and 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.									
RHE	OUL	<b>ENGT</b>	<b>2990</b>	<b>Externship</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	IMT 1150 and 1170 and 1200 and 2200 and 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.									
RHE	OUL	<b>HTCH</b>	<b>1000</b>	<b>Principles of Health Technology</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>HTCH</b>	<b>1000</b>	<b>Principles of Health Technology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>HTCH</b>	<b>1040</b>	<b>Law and Ethics in Health Professions &amp; Technology</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>HTCH</b>	<b>1040</b>	<b>Law and Ethics in Health Professions &amp; Technology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>HTCH</b>	<b>2000</b>	<b>Topics in Health Technology</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	HTCH 1000					
		COURSE DESC:		Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									
RHE	OUL	<b>HTCH</b>	<b>2000</b>	<b>Topics in Health Technology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	HTCH 1000					
		COURSE DESC:		Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									
RHE	OUL	<b>HTCH</b>	<b>2000</b>	<b>Topics in Health Technology</b>	PRA	PR	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F			REQUISITE:	HTCH 1000					
		COURSE DESC:		Comprehensive analysis of health technology as it relates to health care policy, health care delivery, quality assurance and the future of health care. Examines the business, regulatory, research and practical application of their particular certification/licensure in the context of health care delivery. Required to perform 20 hours of experiential learning with the goal of transition to practice in their field of choice.									
RHE	OUL	<b>HTCH</b>	<b>2900</b>	<b>Special Topics in Health Technology</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR			REQUISITE:						
		COURSE DESC:		Specific course content will vary with offering.									

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RHE	OUL	<b>HTCH</b>	<b>2900</b>	<b>Special Topics in Health Technology</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Specific course content will vary with offering.									
RHE	OUL	<b>MAT</b>	<b>1010</b>	<b>Introduction to Medical Assisting</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to the career of medical assisting. Topics included are the roles and responsibilities of a medical assistant; an overview of the medical assisting profession and its credentialing; the safety, health, and liability issues in this profession; the professional behaviors required; and the communication skills and interpersonal relationships necessary for the medical assisting field.									
RHE	OUL	<b>MAT</b>	<b>1010</b>	<b>Introduction to Medical Assisting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Introduction to the career of medical assisting. Topics included are the roles and responsibilities of a medical assistant; an overview of the medical assisting profession and its credentialing; the safety, health, and liability issues in this profession; the professional behaviors required; and the communication skills and interpersonal relationships necessary for the medical assisting field.									
RHE	OUL	<b>MAT</b>	<b>1400</b>	<b>Medical Terminology for the Medical Assistant</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>MAT</b>	<b>1400</b>	<b>Medical Terminology for the Medical Assistant</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUL	<b>MAT</b>	<b>1700</b>	<b>Administrative Medical Assisting Techniques I</b>	LAB	LB	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and OTEC 1210 and C or better in ((MAT 1010 or 101) and 1400) and required immunizations and first aid and provider-level CPR cert recommended									
		COURSE DESC:		Introduction to the medical office and current administrative practices. Topics include confidentiality and the daily practices of the medical assistant, such as business practices in scheduling, patient record creation and retention, and basic practice finances.									
RHE	OUL	<b>MAT</b>	<b>1700</b>	<b>Administrative Medical Assisting Techniques I</b>	LEC	LE	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required and OTEC 1210 and C or better in ((MAT 1010 or 101) and 1400) and required immunizations and first aid and provider-level CPR cert recommended									
		COURSE DESC:		Introduction to the medical office and current administrative practices. Topics include confidentiality and the daily practices of the medical assistant, such as business practices in scheduling, patient record creation and retention, and basic practice finances.									
RHE	OUL	<b>MAT</b>	<b>2000</b>	<b>Pharmacology and Disease Processes in Medical Assisting</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MAT 1400 and MATH 1090 or Tier I math									
		COURSE DESC:		Covers common diseases with pharmacology in the major body systems. Topics also include evaluation, treatment, patient education, and office triage as provided by the medical assistant.									
RHE	OUL	<b>MAT</b>	<b>2000</b>	<b>Pharmacology and Disease Processes in Medical Assisting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MAT 1400 and MATH 1090 or Tier I math									
		COURSE DESC:		Covers common diseases with pharmacology in the major body systems. Topics also include evaluation, treatment, patient education, and office triage as provided by the medical assistant.									
RHE	OUL	<b>MAT</b>	<b>2010</b>	<b>Clinical Medical Assisting Techniques I</b>	LAB	LB	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
		COURSE DESC:		Introduction to medical laboratory theory and practice in preparation for physical examination, applied microbiology and infection control. Topics such as patient and exam room preparation, vital sign tests, taking health histories, aseptic techniques, infection control, electrocardiography, and universal precautions are studied. Suggested prerequisites: MAT 1010 & MAT 1400 (grades of C or better); BIOS 1030; MAT major; required immunizations; provider-level CPR & first aid certifications; permission									
RHE	OUL	<b>MAT</b>	<b>2010</b>	<b>Clinical Medical Assisting Techniques I</b>	LEC	LE	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
		COURSE DESC:		Introduction to medical laboratory theory and practice in preparation for physical examination, applied microbiology and infection control. Topics such as patient and exam room preparation, vital sign tests, taking health histories, aseptic techniques, infection control, electrocardiography, and universal precautions are studied. Suggested prerequisites: MAT 1010 & MAT 1400 (grades of C or better); BIOS 1030; MAT major; required immunizations; provider-level CPR & first aid certifications; permission									
RHE	OUL	<b>MAT</b>	<b>2020</b>	<b>Clinical Medical Assisting Techniques II</b>	LAB	LB	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Permission required									
		COURSE DESC:		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.									

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RHE	OUL	<b>MAT</b>	<b>2020</b>	<b>Clinical Medical Assisting Techniques II</b>	LEC	LE	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Theory and practice in minor hematology, laboratory tests, urinalysis, oral and parenteral medication administration, pharmacology, and venipuncture. Covers topics, such as documentation and government regulations, quality control and safety practices, health maintenance and disease prevention, and emergency practices. Recommended prerequisites: MAT 2010 (grade of C or better), BIOS 1300, MAT 1400, MAT 1010, MAT major, required immunizations, provider-level CPR and first aid certifications.									
RHE	OUL	<b>MAT</b>	<b>2100</b>	<b>Law and Ethics for Medical Assisting</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in ((MAT 1010 or 101) and 1700 and 2010) and Sophomore or higher						
		COURSE DESC:		Introduction to law and ethics as they apply to allied health fields and medical assisting. Topics include scope of practice, professional liability and medical malpractice, medical records and informed consent, medical ethics, documentation and reporting, standard of care, governmental legislation and regulation, HIPAA, Patient's Bill of Rights, and legal, ethical, and moral behaviors.									
RHE	OUL	<b>MAT</b>	<b>2300</b>	<b>Administrative Medical Assisting Techniques II</b>	LAB	LB	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.									
RHE	OUL	<b>MAT</b>	<b>2300</b>	<b>Administrative Medical Assisting Techniques II</b>	LEC	LE	4	0		I	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required						
		COURSE DESC:		Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.									
RHE	OUL	<b>MAT</b>	<b>2900</b>	<b>Special Topics in Medical Assisting Technology</b>	SEM	EL	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	C or better in MAT 1010 or 101						
		COURSE DESC:		Special topics current and relevant to the medical assisting field.									
RHE	OUL	<b>MAT</b>	<b>2900</b>	<b>Special Topics in Medical Assisting Technology</b>	SEM	SE	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	C or better in MAT 1010 or 101						
		COURSE DESC:		Special topics current and relevant to the medical assisting field.									
RHE	OUL	<b>MAT</b>	<b>2920</b>	<b>Practicum</b>	PRA	PR	3	0		I	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Permission required and C or better in (MAT 2020 and 2100 and 2300) and MAT major and immunizations and first aid and provider-level CPR and background checks						
		COURSE DESC:		Practicum as a medical assistant in a supervised unpaid clinical experience. Student performs administrative and clinical procedures and develops professional attitudes and behaviors in an ambulatory care setting. Student works 210 hours during the semester enrolled. Required to meet once a week in the classroom setting with the practicum coordinator; with weekly assignments on required medical assisting topics as well as preparation for the Certified Medical Assistant [CMA (AAMA)] exam.									
RHE	OUL	<b>MAT</b>	<b>2930</b>	<b>Independent Study</b>	IND	EL	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	MAT 1010 or 101						
		COURSE DESC:		Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.									
RHE	OUL	<b>MAT</b>	<b>2930</b>	<b>Independent Study</b>	IND	IS	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	MAT 1010 or 101						
		COURSE DESC:		Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.									
RHE	OUL	<b>MMT</b>	<b>2500</b>	<b>Shipping and Warehousing</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MMT 1010						
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									
RHE	OUL	<b>MMT</b>	<b>2500</b>	<b>Shipping and Warehousing</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MMT 1010						
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									
RHE	OUL	<b>MMT</b>	<b>2500</b>	<b>Shipping and Warehousing</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	MMT 1010						
		COURSE DESC:		Shipping and warehousing of materials from point of origin to point of destination, emphasizing packaging, transportation, and storage.									

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RHE	OUL	<b>MMT</b>	<b>2620</b>	<b>Plant Layout and Material Handling</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	<b>MMT</b>	<b>2620</b>	<b>Plant Layout and Material Handling</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	<b>MMT</b>	<b>2620</b>	<b>Plant Layout and Material Handling</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 Basic principles of plant facilities layout in relation to the flow of material through the workplace, including study of material handling system to move material in bulk or containers to and from the manufacturing processes.									
RHE	OUL	<b>MMT</b>	<b>2990</b>	<b>Externship</b>	FLD	FE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 and 2500 and 2620 and 2640 Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									
RHE	OUL	<b>MMT</b>	<b>2990</b>	<b>Externship</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 and 2500 and 2620 and 2640 Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									
RHE	OUL	<b>MMT</b>	<b>2990</b>	<b>Externship</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: MMT 1010 and 2500 and 2620 and 2640 Performance of materials manager duties in a supervised, unpaid experience, working 24 hours/week with local businesses. Efforts made to rotate experience.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	<b>EM</b>	<b>1010</b>	<b>Introduction to Electronic Media</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of the electronic media field, including the history from the first radio to new media today. Introduction to the business of electronic media and its career trends.									
RHE	OUS	<b>EM</b>	<b>1010</b>	<b>Introduction to Electronic Media</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of the electronic media field, including the history from the first radio to new media today. Introduction to the business of electronic media and its career trends.									
RHE	OUS	<b>EM</b>	<b>1220</b>	<b>Media Performance</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of responsibilities required for radio, television and new media announcing. Develops performance skills proficiency through opportunities in performance situations.									
RHE	OUS	<b>EM</b>	<b>1890</b>	<b>Electronic Media Workshop-Non-Majors</b>	SEM	SE	1	2		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Short course in specific topics in electronic media applications. Emphasizes hands-on practice on such subjects as visual composition, camcorder operations, video editing, lighting, audio editing, and media digitization. Intended for non-majors.									
RHE	OUS	<b>EM</b>	<b>2010</b>	<b>Electronic Media Analysis/Criticism</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to techniques of electronic media analysis and criticism. Development of critical skills in the analysis of messages and the audiences interpretation of them in varying cultural settings.									
RHE	OUS	<b>EM</b>	<b>2010</b>	<b>Electronic Media Analysis/Criticism</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to techniques of electronic media analysis and criticism. Development of critical skills in the analysis of messages and the audiences interpretation of them in varying cultural settings.									
RHE	OUS	<b>EM</b>	<b>2011</b>	<b>Electronic Media as Business</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of business practices and techniques in the electronic media.									
RHE	OUS	<b>EM</b>	<b>2011</b>	<b>Electronic Media as Business</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of business practices and techniques in the electronic media.									
RHE	OUS	<b>EM</b>	<b>2080</b>	<b>Topics in Electronic Media Technologies</b>	LEC	EL	3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of technical topics in the fast changing field of electronic media. Faculty and visiting professionals address current trends in technology such as: digital transitions, knowing when to upgrade, integrating new and old equipment, forward thinking and future trends.									
RHE	OUS	<b>EM</b>	<b>2080</b>	<b>Topics in Electronic Media Technologies</b>	LEC	LE	3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of technical topics in the fast changing field of electronic media. Faculty and visiting professionals address current trends in technology such as: digital transitions, knowing when to upgrade, integrating new and old equipment, forward thinking and future trends.									
RHE	OUS	<b>EM</b>	<b>2090</b>	<b>Special Topics in Electronic Media - Video</b>	LEC	EL	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing video production field. Faculty and visiting professionals will address current trends in video such as: new technologies, 2D/3D camera operation and editing, sports production, changes in the ever changing corporate media and marketing video for the web.									
RHE	OUS	<b>EM</b>	<b>2090</b>	<b>Special Topics in Electronic Media - Video</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing video production field. Faculty and visiting professionals will address current trends in video such as: new technologies, 2D/3D camera operation and editing, sports production, changes in the ever changing corporate media and marketing video for the web.									
RHE	OUS	<b>EM</b>	<b>2100</b>	<b>Special Topics in Audio Production</b>	LEC	LE	3	6		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Covers a variety of topics in the fast changing audio production field. Faculty and visiting professionals address current trends in audio production such as: live event sound reinforcement, audio mastering, sound design television and film, new media and non-terrestrial programming and more.									
RHE	OUS	<b>EM</b>	<b>2110</b>	<b>Audio Production-Direction</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduces the terminology and procedures used in audio production. Instruction in the use of audio production equipment and the techniques used in producing various types of audio productions.									
RHE	OUS	<b>EM</b>	<b>2120</b>	<b>Introduction to Multimedia Production</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Use of software applications on both the Mac and PC to create and edit multimedia for desktop publishing, interactive presentations, television/video, and website content.									



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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	<b>EM</b>	<b>2140</b>	<b>Advanced Audio Production/Performance</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EM 2110						
		COURSE DESC:		Experience with innovative techniques for production and performance of audio materials. Investigation and analysis of audio production development and individual problems during productions.									
RHE	OUS	<b>EM</b>	<b>2150</b>	<b>Introduction to Website Design</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	EM 2120						
		COURSE DESC:		Webpage creation and Internet functioning, using HTML, integrating media into Webpages, posting pages to the Web, and server functions.									
RHE	OUS	<b>EM</b>	<b>2160</b>	<b>Introduction to Video Production</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Principles of basic video production and development of criteria for evaluation of video production.									
RHE	OUS	<b>EM</b>	<b>2170</b>	<b>Advanced Video Production</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	C or better in EM 2160						
		COURSE DESC:		Applications of studio and field production with emphasis on innovative techniques. Pre-production, production and post production advanced techniques explored.									
RHE	OUS	<b>EM</b>	<b>2180</b>	<b>Introduction to Digital Media</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	(ART 1131 or 113) and EM 2120						
		COURSE DESC:		Photography and videography basics through development and integration into current digital media applications.									
RHE	OUS	<b>EM</b>	<b>2220</b>	<b>Aesthetics in Digital Media</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Electronic media major						
		COURSE DESC:		Introduces the importance of aesthetics in new high quality sound, video and graphics. Explores the theory of light and color, line, space, motion and sound, then implement these into the creative process.									
RHE	OUS	<b>EM</b>	<b>2500</b>	<b>News Distribution Platforms</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	ENG 2800 or JOUR 1330						
		COURSE DESC:		Explores the process of newsgathering, writing, and reporting with an emphasis on new distribution platforms, including the Internet, mobile media and blogs.									
RHE	OUS	<b>EM</b>	<b>2570</b>	<b>Advertising in the Broadcast and Cable Media</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to principles and practices of advertising and selling of time in electronic media situations. Format includes substantial instruction and interaction with individuals employed in station sales departments, and preparation of materials for sales strategies and campaigns.									
RHE	OUS	<b>EM</b>	<b>2570</b>	<b>Advertising in the Broadcast and Cable Media</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Introduction to principles and practices of advertising and selling of time in electronic media situations. Format includes substantial instruction and interaction with individuals employed in station sales departments, and preparation of materials for sales strategies and campaigns.									
RHE	OUS	<b>EM</b>	<b>2670</b>	<b>International Media Systems</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Surveys the role of the media in representative foreign countries. Media are examined relative to their structure, function, patterns of use, regulation and control and relationship to other systems. Media's role in influencing culture, politics, history, economics, geography and educational levels of these countries examined.									
RHE	OUS	<b>EM</b>	<b>2670</b>	<b>International Media Systems</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Surveys the role of the media in representative foreign countries. Media are examined relative to their structure, function, patterns of use, regulation and control and relationship to other systems. Media's role in influencing culture, politics, history, economics, geography and educational levels of these countries examined.									
RHE	OUS	<b>EM</b>	<b>2880</b>	<b>Electronic Media Workshop-Multimedia</b>	SEM	EL	1	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Production of multimedia related assignments, monitored and supervised by electronic media faculty. Requires minimum number of assigned tasks per week during the semester.									
RHE	OUS	<b>EM</b>	<b>2880</b>	<b>Electronic Media Workshop-Multimedia</b>	SEM	SE	1	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Production of multimedia related assignments, monitored and supervised by electronic media faculty. Requires minimum number of assigned tasks per week during the semester.									
RHE	OUS	<b>EM</b>	<b>2890</b>	<b>Media Workshop</b>	SEM	SE	1	4		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Electronic media major						
		COURSE DESC:		Production of technically related assignments monitored and supervised within broadcast related services of electronic media department. Requires minimum number of assigned hours of tasks per week during school terms. Requires contract of duties and time commitment between instructor and student. Written evaluation required for course completion.									
RHE	OUS	<b>EM</b>	<b>2900</b>	<b>Special Topics in Electronic Media</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	<b>EM</b>	<b>2900</b>	<b>Special Topics in Electronic Media</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Specific course content will vary with offering.									
RHE	OUS	<b>EM</b>	<b>2910</b>	<b>Radio-Television Internship</b>	FLD	FE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE:									
				Electronic media major Approved assignments in area radio, television, cable, or multimedia production facilities. Requires contract of duties and time commitment between coordinator, student and employer. Written evaluation required for course completion.									
RHE	OUS	<b>EM</b>	<b>2930</b>	<b>Independent Study</b>	IND	IS	1 to 3	999		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUS	<b>EQU</b>	<b>1000</b>	<b>Introduction to Equines</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				This course offers a foundation in basic equine science. Students will study equine history, basic anatomy, breeds, riding disciplines, and other equine related topics.									
RHE	OUS	<b>EQU</b>	<b>1000</b>	<b>Introduction to Equines</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				This course offers a foundation in basic equine science. Students will study equine history, basic anatomy, breeds, riding disciplines, and other equine related topics.									
RHE	OUS	<b>EQU</b>	<b>1010</b>	<b>Basic Equine Health Care</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Basic equine health care introduces the student to common health care issues of the horse. Students learn how to prevent and assess health care problems. They learn to assess and treat minor non-threatening injuries. They use these skills to determine when professional assistance is needed.									
RHE	OUS	<b>EQU</b>	<b>1010</b>	<b>Basic Equine Health Care</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Basic equine health care introduces the student to common health care issues of the horse. Students learn how to prevent and assess health care problems. They learn to assess and treat minor non-threatening injuries. They use these skills to determine when professional assistance is needed.									
RHE	OUS	<b>EQU</b>	<b>1020</b>	<b>Basic Horse Handling</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Provides opportunities in horse handling in daily barn setting. Provides experiences used in other equine classes, which include haltering, leading, lunging, grooming, clipping, tack and equipment, behavioral observations, and trailer preparation.									
RHE	OUS	<b>EQU</b>	<b>1020</b>	<b>Basic Horse Handling</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Provides opportunities in horse handling in daily barn setting. Provides experiences used in other equine classes, which include haltering, leading, lunging, grooming, clipping, tack and equipment, behavioral observations, and trailer preparation.									
RHE	OUS	<b>EQU</b>	<b>1030</b>	<b>Practical Experience in Equine Facility Management I</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Practical experiences in daily operations of a commercial, multi-faceted equine facility. Gain hands-on experience working at a commercial equine facility.									
RHE	OUS	<b>EQU</b>	<b>1030</b>	<b>Practical Experience in Equine Facility Management I</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Practical experiences in daily operations of a commercial, multi-faceted equine facility. Gain hands-on experience working at a commercial equine facility.									
RHE	OUS	<b>EQU</b>	<b>1040</b>	<b>Practical Experience in Equine Facility Management II</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				EQU 1030 Practical experiences in daily operations of a commercial, multi-faceted equine facility at the advanced level.									
RHE	OUS	<b>EQU</b>	<b>1040</b>	<b>Practical Experience in Equine Facility Management II</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				EQU 1030 Practical experiences in daily operations of a commercial, multi-faceted equine facility at the advanced level.									
RHE	OUS	<b>EQU</b>	<b>1060</b>	<b>Introduction to Western Riding</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE:									
				Offers opportunity to experience tacking up, mounting, dismounting, and riding the western horse. Instruction on basic positioning and utilization of riding aids.									
RHE	OUS	<b>EQU</b>	<b>1061</b>	<b>Introduction to English Riding</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		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.									

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RHE	OUS	<b>EQU</b>	<b>1062</b>	<b>Equestrian Teaching Techniques</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Conducting safe, basic equestrian lessons.									
RHE	OUS	<b>EQU</b>	<b>1062</b>	<b>Equestrian Teaching Techniques</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Conducting safe, basic equestrian lessons.									
RHE	OUS	<b>EQU</b>	<b>1070</b>	<b>Equine Nutrition</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study of the equine digestive system, nutrient requirements of horses at various levels of performance, and problems associated with feeds and feeding practices.									
RHE	OUS	<b>EQU</b>	<b>1071</b>	<b>Equine Evaluation and Selection</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	<b>EQU</b>	<b>1071</b>	<b>Equine Evaluation and Selection</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	<b>EQU</b>	<b>1071</b>	<b>Equine Evaluation and Selection</b>	PRA	PR	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study of the ideal types and selection relative to purpose of equines.									
RHE	OUS	<b>EQU</b>	<b>2000</b>	<b>Equine Industry Career and Leadership Development</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Development of leadership skills while focusing on career success. Exploration of equine-related careers and development of a professional resume. Activities related to professional growth and workplace skills will be a focus of the course.									
RHE	OUS	<b>EQU</b>	<b>2000</b>	<b>Equine Industry Career and Leadership Development</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Development of leadership skills while focusing on career success. Exploration of equine-related careers and development of a professional resume. Activities related to professional growth and workplace skills will be a focus of the course.									
RHE	OUS	<b>EQU</b>	<b>2020</b>	<b>Equine Behavior and Welfare Issues</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Overview of the vital role equines have played in human survival. Exploration of welfare issues of responsible use, breeding, training, care, transport, and retirement of equines.									
RHE	OUS	<b>EQU</b>	<b>2020</b>	<b>Equine Behavior and Welfare Issues</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Overview of the vital role equines have played in human survival. Exploration of welfare issues of responsible use, breeding, training, care, transport, and retirement of equines.									
RHE	OUS	<b>EQU</b>	<b>2030</b>	<b>Farm Design and Stable Management</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Opportunity to learn how to plan and design a commercial equine facility. Exposed to the incorporation of powered machinery and the total management of commercial equine facilities. Develop daily, weekly, monthly and yearly management plans for a commercial equine operation.									
RHE	OUS	<b>EQU</b>	<b>2030</b>	<b>Farm Design and Stable Management</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Opportunity to learn how to plan and design a commercial equine facility. Exposed to the incorporation of powered machinery and the total management of commercial equine facilities. Develop daily, weekly, monthly and yearly management plans for a commercial equine operation.									
RHE	OUS	<b>EQU</b>	<b>2031</b>	<b>Equine Business Management</b>	LEC	EL	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study and practice of basic concepts, techniques, procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. Designed to integrate general business concepts with common practices in the horse industry. Topics include general business laws, equine law, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining a horse operation.									
RHE	OUS	<b>EQU</b>	<b>2031</b>	<b>Equine Business Management</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F					REQUISITE:				
		COURSE DESC:		Study and practice of basic concepts, techniques, procedures of accounting involved in keeping and analyzing equine records from the management viewpoint. Designed to integrate general business concepts with common practices in the horse industry. Topics include general business laws, equine law, public relations, insurance, bookkeeping, contracts, taxes, and starting and maintaining a horse operation.									

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

College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2033	<b>Introduction to Economics for the Equine Business Owner/Manager</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: The equine industry is now global yet made up of small, individually owned businesses supplying consumers with products and services. Course covers basic economic principles applied to the challenges of equine production, business, and income. Includes study of the reciprocal relationship between the equine industry and the rest of the economy.									
RHE	OUS	EQU	2033	<b>Introduction to Economics for the Equine Business Owner/Manager</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: The equine industry is now global yet made up of small, individually owned businesses supplying consumers with products and services. Course covers basic economic principles applied to the challenges of equine production, business, and income. Includes study of the reciprocal relationship between the equine industry and the rest of the economy.									
RHE	OUS	EQU	2034	<b>Equine Marketing</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Introduces the principles and theories of modern marketing for the commercial equine business, as well as effective marketing tools for reaching target markets. The course focuses on developing an effective marketing plan with an emphasis on sound marketing practices.									
RHE	OUS	EQU	2034	<b>Equine Marketing</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Introduces the principles and theories of modern marketing for the commercial equine business, as well as effective marketing tools for reaching target markets. The course focuses on developing an effective marketing plan with an emphasis on sound marketing practices.									
RHE	OUS	EQU	2035	<b>The Modern Equine Industry and the Impact of Technology</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examination of equine-related businesses transitioning to the use of modern technology. Modern technology influences the areas of marketing, sales, veterinary care, competitions, and product development. Includes exploration of how equine industry professionals can incorporate technology for the betterment of their industry.									
RHE	OUS	EQU	2035	<b>The Modern Equine Industry and the Impact of Technology</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: Examination of equine-related businesses transitioning to the use of modern technology. Modern technology influences the areas of marketing, sales, veterinary care, competitions, and product development. Includes exploration of how equine industry professionals can incorporate technology for the betterment of their industry.									
RHE	OUS	EQU	2036	<b>Equine Management</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: This course introduces students to equine care and management principles in short term and long term planning. Students apply skills to improve existing equine operations through the identification of both equine and human needs.									
RHE	OUS	EQU	2036	<b>Equine Management</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: COURSE DESC: This course introduces students to equine care and management principles in short term and long term planning. Students apply skills to improve existing equine operations through the identification of both equine and human needs.									
RHE	OUS	EQU	2037	<b>Equine Business Management</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2037	<b>Equine Business Management</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2040	<b>Basic Horse Shoeing</b>	LAB	LB	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2040	<b>Basic Horse Shoeing</b>	LEC	EL	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2040	<b>Basic Horse Shoeing</b>	LEC	LE	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									

**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	EQU	2041	<b>Comprehensive and Competitive Horse Judging</b>	FLD	FE	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2041	<b>Comprehensive and Competitive Horse Judging</b>	LEC	EL	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2041	<b>Comprehensive and Competitive Horse Judging</b>	LEC	LE	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2042	<b>Horse Show and Event Management</b>	LAB	LB	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2042	<b>Horse Show and Event Management</b>	LEC	LE	2	0		N	U20		0
				ELIGIBLE GRADES: 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.									
RHE	OUS	EQU	2043	<b>Equine Event Management</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2042									
				COURSE DESC: This course provides an overview of components related to equine event management. Shows, clinics, sales, educational events, trade shows, and fundraising events are a multi-billion dollar part of the equine industry. Successful events are a result of the dedicated work of trained organizers.									
RHE	OUS	EQU	2043	<b>Equine Event Management</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2042									
				COURSE DESC: This course provides an overview of components related to equine event management. Shows, clinics, sales, educational events, trade shows, and fundraising events are a multi-billion dollar part of the equine industry. Successful events are a result of the dedicated work of trained organizers.									
RHE	OUS	EQU	2050	<b>Ohio University Southern Equestrian Teams</b>	LAB	LB	1	6		N	U20		0
				ELIGIBLE GRADES: CR, PR, F REQUISITE: (EQU 1060 or 1061) or concurrent									
				COURSE DESC: Engage in weekly practice sessions, learn about appropriate show attire, gain experience in showing techniques, and, when enough experience is gained, prepare for actual competition.									
RHE	OUS	EQU	2060	<b>Advanced Western Riding</b>	LAB	LB	2	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: EQU 1060									
				COURSE DESC: Experiences in western horsemanship at the advanced level. Introduces exercises to improve horse's athletic ability. Explores solutions to training issues with different horses. Opportunities to improve skills in balance and learn proper position at the walk, jog and lope. Develop skills in training the horse by recognizing training issues and using task analysis and problem solving skills to correct the horse and rider and/or trainer.									
RHE	OUS	EQU	2061	<b>Advanced English Riding</b>	LAB	LB	2	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: EQU 1061									
				COURSE DESC: Further instruction on basic positioning for rider. Increased riding challenges are offered through advanced work. Includes riding transitions, training techniques, and rider exercises.									
RHE	OUS	EQU	2062	<b>Equestrian Teaching Techniques Practicum</b>	LAB	LB	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: (B or better EQU 1060 and 1061) and EQU 1020 and 1062									
				COURSE DESC: Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2062	<b>Equestrian Teaching Techniques Practicum</b>	LEC	EL	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: (B or better EQU 1060 and 1061) and EQU 1020 and 1062									
				COURSE DESC: Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2062	<b>Equestrian Teaching Techniques Practicum</b>	LEC	LE	3	0		N	U20		0
				ELIGIBLE GRADES: A-F REQUISITE: (B or better EQU 1060 and 1061) and EQU 1020 and 1062									
				COURSE DESC: Student instructors will build skills in rider assessment, goal and objective setting, lesson plan development, instruction methods, evaluation of lesson and self, progress note writing, and required record keeping. Students will teach equestrian lessons under supervision to prepare for certification and degree completion.									
RHE	OUS	EQU	2063	<b>Evaluating and Training Horses</b>	LAB	LB	3	0		N	U20		0
				ELIGIBLE GRADES: 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.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	OUS	<b>EQU</b>	<b>2063</b>	<b>Evaluating and Training Horses</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (EQU 1020 or 1060 or 1061 or 2060 or 2061) or concurrent Understanding natural horse behavior and how to work with the natural reactions to develop training plans that work. The training plan includes developing an evaluation plan that can be used to track the training progress of the horse.									
RHE	OUS	<b>EQU</b>	<b>2063</b>	<b>Evaluating and Training Horses</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (EQU 1020 or 1060 or 1061 or 2060 or 2061) or concurrent Understanding natural horse behavior and how to work with the natural reactions to develop training plans that work. The training plan includes developing an evaluation plan that can be used to track the training progress of the horse.									
RHE	OUS	<b>EQU</b>	<b>2071</b>	<b>Equine Anatomy and Physiology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BIOL 1010 and EQU 1010 Study of the structure and functions of the horse through the various anatomical systems.									
RHE	OUS	<b>EQU</b>	<b>2072</b>	<b>Equine Lameness and Conditioning</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1071 and 1020 Basic understanding of the diagnosis and treatment of equine lameness.									
RHE	OUS	<b>EQU</b>	<b>2072</b>	<b>Equine Lameness and Conditioning</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1071 and 1020 Basic understanding of the diagnosis and treatment of equine lameness.									
RHE	OUS	<b>EQU</b>	<b>2073</b>	<b>Equine Reproduction</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070 Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	<b>EQU</b>	<b>2073</b>	<b>Equine Reproduction</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070 Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	<b>EQU</b>	<b>2073</b>	<b>Equine Reproduction</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1070 Comprehensive study of equine reproduction stressing the anatomy and physiology of the stallion and mare and methods of breeding, including artificial insemination, and foaling.									
RHE	OUS	<b>EQU</b>	<b>2074</b>	<b>Equine Veterinary Technology</b>	LAB	LB	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071 Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	<b>EQU</b>	<b>2074</b>	<b>Equine Veterinary Technology</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071 Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	<b>EQU</b>	<b>2074</b>	<b>Equine Veterinary Technology</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 1010 and 1020 and 2071 Equine veterinary technical skills that allows students to be a strong contributor to a large animal health care team. Geared towards student that wants to work at an equine veterinary practice.									
RHE	OUS	<b>EQU</b>	<b>2080</b>	<b>Therapeutic Riding: Overview and Instruction</b>	LAB	LB	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.									
RHE	OUS	<b>EQU</b>	<b>2080</b>	<b>Therapeutic Riding: Overview and Instruction</b>	LEC	LE	2	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.									
RHE	OUS	<b>EQU</b>	<b>2081</b>	<b>Administrative Aspects of Therapeutic Riding</b>	LEC	EL	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082 Provides information on administrative issues and aspects of therapeutic riding, the riding center, and overall management. Includes goal setting, strategic planning, legal issues, and working with boards.									
RHE	OUS	<b>EQU</b>	<b>2081</b>	<b>Administrative Aspects of Therapeutic Riding</b>	LEC	LE	1	0		N	U20		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082 Provides information on administrative issues and aspects of therapeutic riding, the riding center, and overall management. Includes goal setting, strategic planning, legal issues, and working with boards.									

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RHE	OUS	<b>EQU</b>	<b>2082</b>	<b>Development and Management of the Equine Non-profit Organization</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUS	<b>EQU</b>	<b>2082</b>	<b>Development and Management of the Equine Non-profit Organization</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUS	<b>EQU</b>	<b>2083</b>	<b>Equine Law</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUS	<b>EQU</b>	<b>2083</b>	<b>Equine Law</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		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.									
RHE	OUS	<b>EQU</b>	<b>2900</b>	<b>Special Topics in Equine Studies</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUS	<b>EQU</b>	<b>2900</b>	<b>Special Topics in Equine Studies</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR	REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.									
RHE	OUS	<b>EQU</b>	<b>2910</b>	<b>Equine Internship</b>	FLD	FE	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		A-F	REQUISITE:								
		COURSE DESC:		Practical experience in a specific area of equine studies pertinent to the individual's interests. Examples include working with breeders, trainers, farm and stable managers, riding instructors, breed associations or organizations, veterinarians, and related equine agencies.									
RHE	OUS	<b>EQU</b>	<b>2990</b>	<b>Studies in Equine Issues</b>	IND	IS	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Study of topics of current interest in the horse industry.									
RHE	OUS	<b>EQU</b>	<b>2990</b>	<b>Studies in Equine Issues</b>	LEC	LE	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		A-F, CR, PR	REQUISITE:								
		COURSE DESC:		Study of topics of current interest in the horse industry.									

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RHE	RHE	<b>REAL</b>	<b>1010</b>	<b>Real Estate Principles and Practices</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Real property is basic resource with which real estate professionals work. Course includes, but is not limited to, land and its description, rights and interests in real estate, contract law and real estate contracts, title transfer, deeds, leases, financing and mortgages, taxes, home ownership, urban planning, brokerage operations, appraisal and value, applied real estate math, and Ohio requirements for real estate licenses.									
RHE	RHE	<b>REAL</b>	<b>1010</b>	<b>Real Estate Principles and Practices</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Real property is basic resource with which real estate professionals work. Course includes, but is not limited to, land and its description, rights and interests in real estate, contract law and real estate contracts, title transfer, deeds, leases, financing and mortgages, taxes, home ownership, urban planning, brokerage operations, appraisal and value, applied real estate math, and Ohio requirements for real estate licenses.									
RHE	RHE	<b>REAL</b>	<b>1030</b>	<b>Real Estate Law</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Includes all legal areas commonly concerned with typical real estate professional. Among topics covered are law of agency as applied to real estate brokers and sales personnel, law of fixtures, estates, conveyancing of real estate, mortgages and liens, license laws of Ohio, and zoning.									
RHE	RHE	<b>REAL</b>	<b>1030</b>	<b>Real Estate Law</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Includes all legal areas commonly concerned with typical real estate professional. Among topics covered are law of agency as applied to real estate brokers and sales personnel, law of fixtures, estates, conveyancing of real estate, mortgages and liens, license laws of Ohio, and zoning.									
RHE	RHE	<b>REAL</b>	<b>2010</b>	<b>Real Estate Appraising</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of the field of real estate appraisal in Ohio. Introduces the function of the appraisal profession, licensing requirements in Ohio, process of real estate appraisal, and primary methods used to appraise real estate.									
RHE	RHE	<b>REAL</b>	<b>2010</b>	<b>Real Estate Appraising</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Overview of the field of real estate appraisal in Ohio. Introduces the function of the appraisal profession, licensing requirements in Ohio, process of real estate appraisal, and primary methods used to appraise real estate.									
RHE	RHE	<b>REAL</b>	<b>2040</b>	<b>Real Estate Finance</b>	LEC	EL	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Introduces the essential elements of real estate finance, including the current real estate market, types and sources of real estate loans, how to obtain a real estate loan, the foreclosure process in Ohio, the role and function of the secondary market, government involvement in real estate finance, construction and development lending, and commercial real estate loans.									
RHE	RHE	<b>REAL</b>	<b>2040</b>	<b>Real Estate Finance</b>	LEC	LE	3	0		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 1010						
		COURSE DESC:		Introduces the essential elements of real estate finance, including the current real estate market, types and sources of real estate loans, how to obtain a real estate loan, the foreclosure process in Ohio, the role and function of the secondary market, government involvement in real estate finance, construction and development lending, and commercial real estate loans.									
RHE	RHE	<b>REAL</b>	<b>2210</b>	<b>Real Estate--Special Topics</b>	LEC	EL	3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 2040						
		COURSE DESC:		Special topics in real estate. Areas addressed could include professionalism, ethics, salesmanship, human relations, or F.H.A. and V.A. financing. Real estate office, advertising, building construction and materials, current issues, and problems facing real estate professional may also be considered.									
RHE	RHE	<b>REAL</b>	<b>2210</b>	<b>Real Estate--Special Topics</b>	LEC	LE	3	6		N	U20		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	REAL 2040						
		COURSE DESC:		Special topics in real estate. Areas addressed could include professionalism, ethics, salesmanship, human relations, or F.H.A. and V.A. financing. Real estate office, advertising, building construction and materials, current issues, and problems facing real estate professional may also be considered.									
RHE	RHE	<b>REAL</b>	<b>2900</b>	<b>Special Topics in Real Estate</b>	LEC	EL	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	RHE	<b>REAL</b>	<b>2900</b>	<b>Special Topics in Real Estate</b>	LEC	LE	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	RHE	<b>SAM</b>	<b>1000</b>	<b>Entrepreneurial Accounting</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		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.									



**MASTER CURRICULUM FILE  
COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	<b>SAM</b>	<b>1000</b>	<b>Entrepreneurial Accounting</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		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.									
RHE	RHE	<b>SAM</b>	<b>3000</b>	<b>Managing Systems and Projects</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The course provides a broad view of Management Information Systems (MIS) by integrating business and information systems perspectives. The course focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations, and business in general.									
RHE	RHE	<b>SAM</b>	<b>3000</b>	<b>Managing Systems and Projects</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The course provides a broad view of Management Information Systems (MIS) by integrating business and information systems perspectives. The course focuses on the multitude of current information systems types, associated issues, and impacts on individuals, organizations, and business in general.									
RHE	RHE	<b>SAM</b>	<b>3010</b>	<b>Managing Processes and Supply Chains</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr The course will provide a conceptual understanding of the operations function, which includes: product/process design, facility location, and capacity planning. The course will demonstrate how operations management provides a product or service with higher quality and at a lower cost than competition.									
RHE	RHE	<b>SAM</b>	<b>3010</b>	<b>Managing Processes and Supply Chains</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr The course will provide a conceptual understanding of the operations function, which includes: product/process design, facility location, and capacity planning. The course will demonstrate how operations management provides a product or service with higher quality and at a lower cost than competition.									
RHE	RHE	<b>SAM</b>	<b>3020</b>	<b>Consumer Marketing</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The purpose of this course is to teach the students effective marketing tools for reaching consumers. The course will focus on how managers use the marketing mix to reach target markets and position products. The students will gain the knowledge necessary to conduct market research, how to develop a consumer survey.									
RHE	RHE	<b>SAM</b>	<b>3020</b>	<b>Consumer Marketing</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr The purpose of this course is to teach the students effective marketing tools for reaching consumers. The course will focus on how managers use the marketing mix to reach target markets and position products. The students will gain the knowledge necessary to conduct market research, how to develop a consumer survey.									
RHE	RHE	<b>SAM</b>	<b>3050</b>	<b>Supervision Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Supervisory Management is an introduction to the field of management at the supervisory level which includes the functions and roles of management in organizations.									
RHE	RHE	<b>SAM</b>	<b>3050</b>	<b>Supervision Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Jr or Sr Supervisory Management is an introduction to the field of management at the supervisory level which includes the functions and roles of management in organizations.									
RHE	RHE	<b>SAM</b>	<b>3100</b>	<b>Foundations of Financial Management</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr A corporate finance course which will implement a profit-maximizing approach to investing, financing, and managerial decisions of a firm. The principles used apply equally to not-for-profit organizations and personal finances. Major topics include financial goals of a firm, financial mathematics, financial statement analysis, financial asset valuation, capital budgeting, risk and return, and cost of capital.									
RHE	RHE	<b>SAM</b>	<b>3100</b>	<b>Foundations of Financial Management</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: (ACCT 1010 or ATCH 1030 or SAM 1000) and Jr or Sr A corporate finance course which will implement a profit-maximizing approach to investing, financing, and managerial decisions of a firm. The principles used apply equally to not-for-profit organizations and personal finances. Major topics include financial goals of a firm, financial mathematics, financial statement analysis, financial asset valuation, capital budgeting, risk and return, and cost of capital.									
RHE	RHE	<b>SAM</b>	<b>3250J</b>	<b>Strategic Managerial Communication</b>	LEC	EL	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (Jr or Sr) Strategic managerial communication is a writing enriched course that provides opportunities to practice and improve written communication skills, which are appropriate for career success. This course begins with the assumption the student has competency in basic business form and format for professional communication such as letters, memoranda, reports, and presentations.									
RHE	RHE	<b>SAM</b>	<b>3250J</b>	<b>Strategic Managerial Communication</b>	LEC	LE	3	0	1J	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: ENG 1510 and (Jr or Sr) Strategic managerial communication is a writing enriched course that provides opportunities to practice and improve written communication skills, which are appropriate for career success. This course begins with the assumption the student has competency in basic business form and format for professional communication such as letters, memoranda, reports, and presentations.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	<b>SAM</b>	<b>3910</b>	<b>Internship</b>	FLD	EL	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		COURSE DESC:		The purpose of the course is to provide students with a format for reflection while they perform a professional internship. The internship will enhance the student's ability to achieve their personal career objectives. Also, the internship experience will provide opportunities for participation in day-to-day activities of a business concern for 15 consecutive weeks. (Intended for experience)									
RHE	RHE	<b>SAM</b>	<b>3910</b>	<b>Internship</b>	FLD	FE	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	Permission required						
		COURSE DESC:		The purpose of the course is to provide students with a format for reflection while they perform a professional internship. The internship will enhance the student's ability to achieve their personal career objectives. Also, the internship experience will provide opportunities for participation in day-to-day activities of a business concern for 15 consecutive weeks. (Intended for experience)									
RHE	RHE	<b>SAM</b>	<b>4700</b>	<b>Managing Strategically in the Future</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SAM 3010 and 3100 and Sr						
		COURSE DESC:		The course is intended to be a capstone course. The course centers around the theme that a company achieves sustained success if its managers (1) formulate an astute game plan (2) implement and execute the game plan with proficiency. The course will prove how and why doing an effective job of strategy formulation and strategy implementation produces good business performance. In studying the tasks of strategic management, the course will integrate the knowledge students have gained from previous courses. Strategic management requires dealing with many variables and situational factors at one time. The students will be able to weigh the pros and cons of what strategy entails: a total enterprise perspective and a talent of judging how all of the relevant factors add up to shape the actions needed to take place in a business.									
RHE	RHE	<b>SAM</b>	<b>4700</b>	<b>Managing Strategically in the Future</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	SAM 3010 and 3100 and Sr						
		COURSE DESC:		The course is intended to be a capstone course. The course centers around the theme that a company achieves sustained success if its managers (1) formulate an astute game plan (2) implement and execute the game plan with proficiency. The course will prove how and why doing an effective job of strategy formulation and strategy implementation produces good business performance. In studying the tasks of strategic management, the course will integrate the knowledge students have gained from previous courses. Strategic management requires dealing with many variables and situational factors at one time. The students will be able to weigh the pros and cons of what strategy entails: a total enterprise perspective and a talent of judging how all of the relevant factors add up to shape the actions needed to take place in a business.									
RHE	RHE	<b>SAM</b>	<b>4900</b>	<b>Special Topics Science in Applied Management</b>	LEC	EL	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Specific business course content will vary with offering of the course.									
RHE	RHE	<b>SAM</b>	<b>4900</b>	<b>Special Topics Science in Applied Management</b>	LEC	LE	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	Jr or Sr						
		COURSE DESC:		Specific business course content will vary with offering of the course.									
RHE	RHE	<b>SLS</b>	<b>2000</b>	<b>Sport and Physical Activity Skill Development</b>	LAB	LB	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will focus on the development of fundamental movement skills and game leadership abilities needed to work in the field of sport and physical activity. Topics will include fundamental motor patterns, movement skill progression, promoting participation, group development, leadership styles, and guidelines for an active lifestyle. Lab activities will require active participation and leadership of sport and game activities as well as individual skill demonstration.									
RHE	RHE	<b>SLS</b>	<b>2000</b>	<b>Sport and Physical Activity Skill Development</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course will focus on the development of fundamental movement skills and game leadership abilities needed to work in the field of sport and physical activity. Topics will include fundamental motor patterns, movement skill progression, promoting participation, group development, leadership styles, and guidelines for an active lifestyle. Lab activities will require active participation and leadership of sport and game activities as well as individual skill demonstration.									
RHE	RHE	<b>SLS</b>	<b>3010</b>	<b>Ethics and Risk Management in Sport and Physical Activity</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and REC 2150						
		COURSE DESC:		This course will address safety and risk management principles and practices related to sport and physical activity programs. Viewpoints for the participant and sponsoring agency will be examined. Liability, negligence law and merging ethical issues that may be encountered in the field of community sport, recreation and leisure services will be discussed.									
RHE	RHE	<b>SLS</b>	<b>3010</b>	<b>Ethics and Risk Management in Sport and Physical Activity</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	COED 2120 and REC 2150						
		COURSE DESC:		This course will address safety and risk management principles and practices related to sport and physical activity programs. Viewpoints for the participant and sponsoring agency will be examined. Liability, negligence law and merging ethical issues that may be encountered in the field of community sport, recreation and leisure services will be discussed.									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	<b>SLS</b>	<b>3900</b>	<b>Professional Development in Sport and Lifestyle Studies</b>	SEM	EL	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SLS Major and (jr or sr) Emphasizes the importance of professional development in the field of sport and physical activity. Focuses on importance of continuing education and resource utilization to remain current and competent in the evolving discipline. Provides students with guidance in navigating career opportunities and advancement; and transitioning throughout their professional career pathway.									
RHE	RHE	<b>SLS</b>	<b>3900</b>	<b>Professional Development in Sport and Lifestyle Studies</b>	SEM	SE	1	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: SLS Major and (jr or sr) Emphasizes the importance of professional development in the field of sport and physical activity. Focuses on importance of continuing education and resource utilization to remain current and competent in the evolving discipline. Provides students with guidance in navigating career opportunities and advancement; and transitioning throughout their professional career pathway.									
RHE	RHE	<b>SLS</b>	<b>4500</b>	<b>Capstone in Sport and Lifestyle Studies</b>	LEC	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Senior in SLS major This class will serve as a capstone experience for the Sport and Lifestyle Studies major. Students will assimilate materials from previous coursework toward the development of a portfolio. Students will demonstrate their potential contribution to the professional field utilizing a synthesis of prior learning experiences in the development of an extensive service-learning project. The course will challenge students to think critically about a wide variety of complex issues and concepts relevant to the discipline and its future.									
RHE	RHE	<b>SLS</b>	<b>4500</b>	<b>Capstone in Sport and Lifestyle Studies</b>	LEC	LE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Senior in SLS major This class will serve as a capstone experience for the Sport and Lifestyle Studies major. Students will assimilate materials from previous coursework toward the development of a portfolio. Students will demonstrate their potential contribution to the professional field utilizing a synthesis of prior learning experiences in the development of an extensive service-learning project. The course will challenge students to think critically about a wide variety of complex issues and concepts relevant to the discipline and its future.									
RHE	RHE	<b>TAS</b>	<b>3010</b>	<b>Introduction to Technical and Applied Studies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: This course introduces technical associate degree holders to professional studies through an examination of program requirements and goals. It also begins a discussion on the research process. The effectiveness of practices in both leadership and in the workplace is evaluated. Within that context, students are introduced to various technological and ethical practices as well as examining the importance of collaboration and diversity in today's workplace.									
RHE	RHE	<b>TAS</b>	<b>3010</b>	<b>Introduction to Technical and Applied Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: This course introduces technical associate degree holders to professional studies through an examination of program requirements and goals. It also begins a discussion on the research process. The effectiveness of practices in both leadership and in the workplace is evaluated. Within that context, students are introduced to various technological and ethical practices as well as examining the importance of collaboration and diversity in today's workplace.									
RHE	RHE	<b>TAS</b>	<b>3110</b>	<b>Diversity, Ethics, and Collaboration</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: This course covers components of developing healthy relationships particularly in the workplace. The course focuses on developing the individual as an ethical worker, on developing relationships with others to focus on teamwork, and on developing understanding of diversity in order to value the advantage it brings to work and life. In today's culturally diverse world, positive human interactions are key to success.									
RHE	RHE	<b>TAS</b>	<b>3210</b>	<b>Research for Technical and Applied Studies</b>	LEC	EL	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: TAS 3010 and (ATCH 2090 or MATH 2500 or MATH 250 or PSY 1110 or 2110 or QBA 2010) Emphasizes both an understanding of research methods and development of the critical skills necessary to interpret and to convey research results. In addition to analyzing research methods and projects, students will prepare a project proposal in areas of related interest in preparation for requirements in TAS 4510.									
RHE	RHE	<b>TAS</b>	<b>3210</b>	<b>Research for Technical and Applied Studies</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: TAS 3010 and (ATCH 2090 or MATH 2500 or MATH 250 or PSY 1110 or 2110 or QBA 2010) Emphasizes both an understanding of research methods and development of the critical skills necessary to interpret and to convey research results. In addition to analyzing research methods and projects, students will prepare a project proposal in areas of related interest in preparation for requirements in TAS 4510.									
RHE	RHE	<b>TAS</b>	<b>4020</b>	<b>Creating a Work and Life Plan</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: This course encourages students to create a work and life plan that integrates previous work and education with their future personal and professional goals.									
RHE	RHE	<b>TAS</b>	<b>4110</b>	<b>Leadership and Workplace Effectiveness</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
RHE	RHE	<b>TAS</b>	<b>4240</b>	<b>Technology and Research in the Workforce</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		The impact of technology on culture and industries is rapid and disruptive. A historical overview of the development of various technologies and their influence on western civilization leads to the consideration of the nature of technology and its many societal functions including its impact on organizations. Consideration is also given to addressing a technology induced problem in the workplace.									
RHE	RHE	<b>TAS</b>	<b>4340</b>	<b>Applied Leadership in the Workplace</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course allows students to complete a behavioral self-examination of their leadership styles and understand how to apply that style in a successful manner in the workplace.									
RHE	RHE	<b>TAS</b>	<b>4440</b>	<b>Collaboration in the Workplace</b>	SEM	SE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		This course explores the advantages and disadvantages of collaboration particularly in the workplace. It examines the elements that comprise effective collaborations and encourages students to recognize their strengths and weaknesses in a given situation.									
RHE	RHE	<b>TAS</b>	<b>4510</b>	<b>Technical and Applied Studies Capstone Seminar</b>	SEM	EL	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	TAS 3210 and Sr only						
		COURSE DESC:		A capstone experience for the BTAS degree, this course requires integration and application of professional knowledge, critical thinking and analysis skills, and technologies in order to demonstrate understanding of the 21st century workforce culture.									
RHE	RHE	<b>TAS</b>	<b>4510</b>	<b>Technical and Applied Studies Capstone Seminar</b>	SEM	SE	3	0	3	N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	TAS 3210 and Sr only						
		COURSE DESC:		A capstone experience for the BTAS degree, this course requires integration and application of professional knowledge, critical thinking and analysis skills, and technologies in order to demonstrate understanding of the 21st century workforce culture.									
RHE	RHE	<b>TAS</b>	<b>4900</b>	<b>Special Topics in Technical and Applies Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
RHE	RHE	<b>TAS</b>	<b>4900</b>	<b>Special Topics in Technical and Applies Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	AST	<b>AST</b>	<b>1010</b>	<b>Introduction to the U.S. Air Force</b> ELIGIBLE GRADES: A-F COURSE DESC: Designed to introduce students to the United States Air Force and AFROTC. Topics include mission and organization of the Air Force, officership and professionalism, and military customs and courtesies.	LEC	LE	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>1010L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: CR, 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.	LAB	LB	1	0		N	U30		0
UNC	AST	<b>AST</b>	<b>1020</b>	<b>Air Force Missions</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of AST 1010. Introduces students to opportunities in the Air Force in regards to benefits and career classifications. Introduces students to important concepts of professionalism, leadership, and war (theory/doctrine). Continues to build on military communication skills of briefing and writing.	LEC	EL	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>1020</b>	<b>Air Force Missions</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of AST 1010. Introduces students to opportunities in the Air Force in regards to benefits and career classifications. Introduces students to important concepts of professionalism, leadership, and war (theory/doctrine). Continues to build on military communication skills of briefing and writing.	LEC	LE	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>1020L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: CR, 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.	LAB	LB	1	0		N	U30		0
UNC	AST	<b>AST</b>	<b>2010</b>	<b>History of Air Power</b> ELIGIBLE GRADES: A-F COURSE DESC: History and development of air power in the U.S. from the Wright Brothers' first flight to the conclusion of WW II and introduction to the cold war.	LEC	EL	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>2010</b>	<b>History of Air Power</b> ELIGIBLE GRADES: A-F COURSE DESC: History and development of air power in the U.S. from the Wright Brothers' first flight to the conclusion of WW II and introduction to the cold war.	LEC	LE	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>2010L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: CR, 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.	LAB	LB	1	0		N	U30		0
UNC	AST	<b>AST</b>	<b>2020</b>	<b>Air Power Today</b> ELIGIBLE GRADES: A-F COURSE DESC: History and development of USAF air power from the beginning of the Cold War to Vietnam. Changing mission of defense establishment: how air power is employed in military, nonmilitary, and strategic operations. History and development of the USAF air power from the Persian Gulf War to the War on Terrorism.	LEC	LE	1	0		N	U10		0
UNC	AST	<b>AST</b>	<b>2020L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: CR, 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.	LAB	LB	1	0		N	U30		0
UNC	AST	<b>AST</b>	<b>2900</b>	<b>Special Topics in Aerospace Studies</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U30		0
UNC	AST	<b>AST</b>	<b>2900</b>	<b>Special Topics in Aerospace Studies</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U30		0
UNC	AST	<b>AST</b>	<b>2910</b>	<b>Field Training</b> ELIGIBLE GRADES: CR, F COURSE DESC: 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.	FLD	FE	2	0		I	U30		0
UNC	AST	<b>AST</b>	<b>3010</b>	<b>Management Concepts and Practices I</b> ELIGIBLE GRADES: A-F COURSE DESC: Military professionalism and leadership theory; strengths and weaknesses of various leadership styles; review of responsibilities, authority, and functions of Air Force officers. Development of communication and leadership skills.	LEC	LE	3	0		N	U30		0
UNC	AST	<b>AST</b>	<b>3010L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: CR, 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.	LAB	LB	1	0		N	U30		0

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	AST	<b>AST</b>	<b>3020</b>	<b>Military Professionalism and Leadership Theory</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		A-F		REQUISITE:	AST 3010						
		COURSE DESC:		Review of selected concepts, principles, and theories of management as applied in the Air Force. Continued development of communication and leadership skills.									
UNC	AST	<b>AST</b>	<b>3020L</b>	<b>Leadership Laboratory</b>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	AST 3020 concurrent						
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	<b>AST</b>	<b>3910</b>	<b>Advanced Field Training</b>	FLD	FE	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	AST 3020 and 3020L						
		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	AST 4010 concurrent						
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	<b>AST</b>	<b>4020</b>	<b>Strategy and the Use of Force: American Defense Policymaking</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:	AST 4020 concurrent						
		COURSE DESC:		Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.									
UNC	AST	<b>AST</b>	<b>4900</b>	<b>Special Topics in Aerospace Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	AST	<b>AST</b>	<b>4900</b>	<b>Special Topics in Aerospace Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									

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UNC	MSC	<b>MSC</b>	<b>1010</b>	<b>Fundamental Military Leadership Concepts</b> ELIGIBLE GRADES: A-F COURSE DESC: Broad overview of the U.S. Army as an institution of the U.S. Government. Introductory course to the Army's Reserve Officers Training Corps (ROTC) and an overview of the curriculum that can lead to a commission as an officer in the U.S. Army. Includes instruction on basic drill, customs and courtesies, problem solving, time management, Army values, rank structure, health and fitness, goal setting, stress management, and map reading. Teaches the fundamentals of leadership in a profession in both classroom and outdoor environment. Optional opportunities: two-hour lab (1010L), participation in physical fitness sessions. No military obligation incurred.	LEC	LE	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>1010L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 1000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of basic soldier skills and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>1020</b>	<b>Fundamental Military Concepts and Basic Leadership</b> ELIGIBLE GRADES: A-F COURSE DESC: Continuation of select basic soldier skills (1010, 1010L) that are essential to the Army's ability to win on the modern battlefield. Instruction on military map reading and land navigation, introduction to small unit tactics with emphasis on movement techniques, squad operations orders and the Army's after action review process. Also teaches goal setting, problem solving, written communication skills, presentation skills, and the Army's core leadership competencies. Optional opportunities: Two-hour lab (1020L), participation in physical fitness sessions. No military obligation incurred.	LEC	LE	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>1020L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 1000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of basic soldier skills and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>2010</b>	<b>Tactics and Leadership</b> ELIGIBLE GRADES: A-F COURSE DESC: Course continues instruction in basic skills by applying teamwork as a small group. Teaches the fundamentals of land navigation, team building, problem solving, squad movement, Army Values, and field-craft. Enhances survival awareness through lectures, films, and participation. Introduces skills in effective briefing and writing. Teaches leadership skills in interpersonal communications, adaptivity, group dynamics, and leadership/behavior theory. Focuses students on planning for projects from start to finish using Troop Leading Procedures and Operations Orders. A two-hour optional Leadership Lab, MSC 2010L, one day a week is available.	LEC	LE	2	0		N	U30		0
UNC	MSC	<b>MSC</b>	<b>2010L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 2000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>2020</b>	<b>Advanced Military Leadership</b> ELIGIBLE GRADES: A-F COURSE DESC: Course builds upon knowledge gained in MSC 2010. Further developing student's understanding of military leadership and leadership techniques. Topics discussed include the principles of war, warrior ethos and the army values. Students are introduced to the eight troop leading procedures and the squad orders process. Students continue to develop their map reading and land navigation skills through classroom practical exercises. Course also covers time management, terrorism awareness, team goal setting, and problem solving techniques. Students learn the basics of problem solving and operations execution from beginning to completion. Leadership traits and styles are covered with a capstone presentation and self analysis prior to the end of the course. Teaches the basic duties of the commissioned and non-commissioned officer. Some classes may be held outdoors. A two-hour optional Leadership Laboratory, MSC 2020L, is held once a week.	LEC	LE	2	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>2020L</b>	<b>Leadership Laboratory</b> ELIGIBLE GRADES: A-F COURSE DESC: Two-hour lab designed to reinforce skills learned in MSC 2000 level courses. Labs are conducted mainly at the Ridges but may also take place in classrooms. Cadets further their knowledge of troop leading procedures and tactics by participating in squad based tactical exercises and the field leadership reaction course. Cadets also practice map reading and land navigation skills during the semester on orienteering courses at the Ridges.	LAB	LB	1	0		N	U10		0
UNC	MSC	<b>MSC</b>	<b>2900</b>	<b>Special Topics in Military Science</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	EL	1 to 15	999		N	U10		0
UNC	MSC	<b>MSC</b>	<b>2900</b>	<b>Special Topics in Military Science</b> ELIGIBLE GRADES: A-F, CR COURSE DESC: Specific course content will vary with offering.	LEC	LE	1 to 15	999		N	U10		0

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UNC	MSC	<b>MSC</b>	<b>2910</b>	<b>Leader's Training Course (LTC)</b>	FLD	FE	4	0		I	U10		0
		ELIGIBLE GRADES:		A-F, CR		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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	LE	3	0		I	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	FLD	FE	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:		MSC 3020					
		COURSE DESC:		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>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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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UNC	MSC	<b>MSC</b>	<b>4020</b>	<b>Military Leadership, Management, Ethics, and Law</b>	LEC	LE	3	0		N	U30		0
		ELIGIBLE GRADES:		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>	LAB	LB	1	0		N	U30		0
		ELIGIBLE GRADES:		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>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
UNC	MSC	<b>MSC</b>	<b>4900</b>	<b>Special Topics in Military Science</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		Specific course content will vary with offering.									
UNC	MSC	<b>MSC</b>	<b>4930</b>	<b>Special Problems</b>	IND	IS	4	0		N	U30		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: 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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UNC	SPST	<b>SPST</b>	<b>4250</b>	<b>Senior Seminar</b>	SEM	EL	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BSS major and Sr only Seminar for Bachelor of Specialized Studies seniors, examining opportunities, challenges, and issues of the 21st- century workforce, and issues relevant to post-graduation success. Includes engaging in self-assessment, reflection, and analysis of degree program, and developing knowledge of job search strategies and professionalism.									
UNC	SPST	<b>SPST</b>	<b>4250</b>	<b>Senior Seminar</b>	SEM	SE	2	0		N	U30		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: BSS major and Sr only 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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UNC	UNC	<b>SPST</b>	<b>4900</b>	<b>Special Topics in Specialized Studies</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>SPST</b>	<b>4900</b>	<b>Special Topics in Specialized Studies</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>SPST</b>	<b>4910</b>	<b>Internship</b>	FLD	EL	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Permission required and BSS major Provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.									
UNC	UNC	<b>SPST</b>	<b>4910</b>	<b>Internship</b>	FLD	FE	1 to 15	15		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Permission required and BSS major 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>	RSC	RS	1 to 4	12		I	U30		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Permission required and BSS major Work on research or creative project for thesis. Intended for students who plan to graduate with B.S.S. departmental honors.									
UNC	UNC	<b>UC</b>	<b>D998</b>	<b>College Reading Skills</b>	LEC	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Fr and Soph only and (ACT reading score below 21 or SAT verbal score below 495 or COMPASS reading score below 88) 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>D998</b>	<b>College Reading Skills</b>	LEC	LE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		Fr and Soph only and (ACT reading score below 21 or SAT verbal score below 495 or COMPASS reading score below 88) 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>	SEM	EL	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		First Semester Student 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>1000</b>	<b>Mastering the University Experience</b>	SEM	SE	2	0		N	U10		0
		ELIGIBLE GRADES:		A-F		REQUISITE:							
		COURSE DESC:		First Semester Student 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>	SEM	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Fr or Soph 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>1050</b>	<b>College Information Seeking Skills</b>	SEM	SE	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F, CR, PR		REQUISITE:							
		COURSE DESC:		Fr or Soph 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>	LAB	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Fr only 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> ).									

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COURSE LISTING  
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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	<b>UC</b>	<b>1060</b>	<b>Academic Computing Skills</b>	LAB	LB	1	0		N	U10		0
		ELIGIBLE GRADES:		CR, F									
		COURSE DESC:		REQUISITE: Fr only 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>1100</b>	<b>Learning Strategies</b>	LEC	EL	2	0		N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (Fr or Soph) and WARNING: No credit for both this course and the following: UC 1101 and UC 1102 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>1100</b>	<b>Learning Strategies</b>	LEC	LE	2	0		N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: (Fr or Soph) and WARNING: No credit for both this course and the following: UC 1101 and UC 1102 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>	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Warning: No credit for both this course and the following: UC 1100 Concentrates on managing time and preparing for and taking examinations.									
UNC	UNC	<b>UC</b>	<b>1101</b>	<b>Time Management and Test Taking Skills</b>	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Warning: No credit for both this course and the following: UC 1100 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>	LEC	EL	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Warning: No credit for both this course and the following: UC 1100 Improves ability to select important information in lectures, discussions, and textbooks, organize it in note form, and review it. Emphasizes regular practice and use of organized notetaking systems.									
UNC	UNC	<b>UC</b>	<b>1102</b>	<b>Notetaking from Lectures and Textbooks</b>	LEC	LE	1	0		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: Warning: No credit for both this course and the following: UC 1100 Improves ability to select important information in lectures, discussions, and textbooks, organize it in note form, and review it. Emphasizes regular practice and use of organized notetaking systems.									
UNC	UNC	<b>UC</b>	<b>1500</b>	<b>Student Transition Seminar</b>	SEM	SE	.5 to 1	2		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	1	2		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>1900</b>	<b>Learning Community Seminar</b>	SEM	SE	1	2		N	U10		0
		ELIGIBLE GRADES:		A-F									
		COURSE DESC:		REQUISITE: 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>	SEM	EL	3	0		I	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required from eLearning OHIO and ENG 1510 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>2030</b>	<b>Credit for Work Experience: Portfolio Development</b>	SEM	SE	3	0		I	U10		0
		ELIGIBLE GRADES:		A-F, CR									
		COURSE DESC:		REQUISITE: Permission required from eLearning OHIO and ENG 1510 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.									

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College	Dept	Subj	Cat #	Title	Component	Instr Mode	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	UNC	<b>UC</b>	<b>2900</b>	<b>Special Topics in University College</b>	LEC	EL	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UC</b>	<b>2900</b>	<b>Special Topics in University College</b>	LEC	LE	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UC</b>	<b>3690</b>	<b>Bobcat Student Orientation Theory and Practice</b>	LEC	EL	1 to 2	6		I	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Facilitates learning opportunities and experiences, which will provide students with the knowledge, attitudes, and skills necessary to become effective administrative assistants and orientation leaders (for first-year and transfer student orientation). Helps students gain a better understanding of the university experience and the importance of orientation, while they also learn about campus resources and services and the fundamentals of becoming an effective administrative assistant or orientation leader.									
UNC	UNC	<b>UC</b>	<b>3690</b>	<b>Bobcat Student Orientation Theory and Practice</b>	LEC	LE	1 to 2	6		I	U10		0
		ELIGIBLE GRADES:		CR, F		REQUISITE:							
		COURSE DESC:		Facilitates learning opportunities and experiences, which will provide students with the knowledge, attitudes, and skills necessary to become effective administrative assistants and orientation leaders (for first-year and transfer student orientation). Helps students gain a better understanding of the university experience and the importance of orientation, while they also learn about campus resources and services and the fundamentals of becoming an effective administrative assistant or orientation leader.									
UNC	UNC	<b>UP</b>	<b>1901</b>	<b>University Professor</b>	LEC	EL	3	9		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisite in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>1901</b>	<b>University Professor</b>	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisite in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>1901N</b>	<b>University Professor</b>	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>1901S</b>	<b>University Professor</b>	LEC	LE	3	6		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>1901U</b>	<b>University Professor</b>	LEC	LE	3	9		N	U10		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>2900</b>	<b>Special Topics in University Professor</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UP</b>	<b>2900</b>	<b>Special Topics in University Professor</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UP</b>	<b>4900</b>	<b>Special Topics in University Professor</b>	LEC	EL	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UP</b>	<b>4900</b>	<b>Special Topics in University Professor</b>	LEC	LE	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.									
UNC	UNC	<b>UP</b>	<b>4901</b>	<b>University Professor</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisite in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>4901N</b>	<b>University Professor</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and requisites available in Course Offerings.									
UNC	UNC	<b>UP</b>	<b>4901S</b>	<b>University Professor</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:							
		COURSE DESC:		Title and prerequisites available in Course Offerings.									

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UNC	UNC	<b>UP</b>	<b>4901U</b>	<b>University Professor</b>	LEC	LE	3	9		N	U30		0
		ELIGIBLE GRADES:		A-F, CR		REQUISITE:	Jr or Sr						
		COURSE DESC:		Title and prerequisites available in Course Offerings.									