

College	Department	Subject	Number	Course Title	Course Description	Type (F/I)
Communication and Information	Communication	ADV	5007	FOUNDATIONS OF IMC	This course covers the development of Integrated Marketing Communication that has now become part of business models in many corporations and service organizations, as well as universities.	I
Social Sciences and Public Policy	African-American Studies	AFA	1003	DIVERSITY & JUSTICE	This course integrates African authors, pre- and post-Apartheid, to demonstrate the problems of living in a diverse world. It fosters awareness and acceptance of people different from students through the study of the African-American culture, and stimulates an appreciation and respect for people of all cultures.	I
Social Sciences and Public Policy	African-American Studies	AFA	4240	African Diaspora	This course examines the experiences of Afro-descendant populations around the world in the wake of the trans-Atlantic slave trade. The course focuses on the ways in which Afro-descendant peoples outside of Africa understand and negotiate the lives and the global effects of Blackness.	I
Social Sciences and Public Policy	African-American Studies	AFA	3330	BLACK FAMILIES	forces that have shaped the development of African-American families. In examining historical and contemporary transitions in the structure and functioning of African-American families, special emphasis is given to the bifurcation in the distribution of wealth and power in American society, as well as the role of racial stratification. The course also seeks to empirically examine contemporary policy and political debates on crucial issues confronting	I
Social Sciences and Public Policy	African-American Studies	AFA	4007	Black Political Thought & Social Movement	This course is a critical introduction to Africana political thought and social movements with an emphasis on the African-American experience. The course is a comprehensive exploration of Africana political history, ideology and political practice.	I
Social Sciences and Public Policy	African-American Studies	AFA	4358	BLK ENVIRONMENTAL HIST & POLIT	This course explores the ways that communities of African descent have understood and related to the earth. Specific emphasis is placed on how this understanding and relationship has changed over time due to the socio-historical forces of westernization, capitalism, slavery, colonialism, industrialization and urbanization.	F
Social Sciences and Public Policy	African-American Studies	AFA	3604	Politics of Black Poverty: Issues of Race, Class, and Space	This course examines the African American poverty in the U.S. with the goal of understanding how historical conditions and events shaped current circumstances. Students learn about the strengths and weaknesses of antipoverty interventions in addition to some of the unintended consequences of these policies.	F
Arts and Sciences	History	AMH	2020	A History of the United States Since 1877	This course surveys the United States from the end of the Civil War to the present with emphasis on social, economic, and political problems of the 20th century. May not be taken by students with test credit in American history.	F
Arts and Sciences	History	AMH	2095	American Indians in the United States	This course surveys American-Indian relations with the people and the government of the United States, beginning in the 1760s and continuing to the present. The course examines the Indians' diplomatic and military struggles, as well as to the Indian perspective on familiar historical events such as the Civil War, the New Deal, and the 1960s.	I
Arts and Sciences	History	AMH	2096	Black Women in America	This course examines (chronologically and thematically) the unique experience of the African American woman in the United States and the role they have played in shaping this nation's history. Particular attention is paid to the double burden that black women have experienced because of their race and gender. This course does not count as credit toward the history major.	I

Arts and Sciences	History	AMH	2091	The African-American Experience in the United States	This course examines, both chronologically and thematically, the experience of African-Americans in the United States and their role in shaping the nation's history. The course does not count as credit toward the history major.	I
Arts and Sciences	History	AMH	2097	RACE/ETHNICITY IN US	This course explores the history of immigration to the United States. Topics include the evolution of ethnic cultures and the role of race in adjustment, and related conflicts from colonial times to the present. The course does not count as credit toward the history major.	I
Arts and Sciences	History	AMH	4420	THE HISTORY OF FLORIDA	This course explores the history of Florida from its pre-Columbian origins to the present.	I
Arts and Sciences	History	AMH	3374	ENERGY: A HISTORY	This course offers a historical perspective on the role that technology has played in modern history. It focuses on the American experience from the Colonial period to the present.	F
Arts and Sciences	History	AMH	4585	SEMINOLE INDIAN HIST	This course offers an ethnohistory of the Seminole Indians in Florida from prior to their formation, in the eighteenth century, to present. The course focuses on the Indians themselves and their experiences, exposing students to the history of the Seminole's culture, lifestyles, religions, economy, and tribal community.	I
Arts and Sciences	History	AMH	4684	WOMEN & CHILDREN CRM	This course examines the role of women and children in the modern day Civil Rights Movement in the United States with the underlying themes of race, class and gender.	I
		AML	2600	Introduction to African-American Literature	This course offers a survey of the canonical works of African-Americans, typically including Douglass, Chesnutt, Hurston, Wright, Ellison, Baldwin, Morrison, and Walker.	I
Arts and Sciences	English	AML	3682	American Multi-Ethnic Literature	This course introduces cross-cultural literary traditions, looking at historical rationales and interconnections among communities as well as vital differences.	I
Arts and Sciences	Anthropology	ANG	5074	Seminar in Geospatial Archaeology	This course focuses on the relationships between humans and their environments, between rivers and cities, and between the natural world and the built environment. Using Geographical Information Systems (GIS) as a set of methods, this course provides the theoretical and methodological tools necessary for engaging in 21st-century archaeological research. Emphasis is on geospatial technology for fieldwork and analysis.	F
Arts and Sciences	Anthropology	ANG	5111	FORAGER SOCIETIES	This course focuses on human societies throughout the world that have lived by hunting and gathering wild resources. The course examines specific subsistence strategies of a wide range of hunter-gatherer groups, relative to their technology, social structure, territory, demography and interaction with food producers in both the archaeological record and through ethnography.	I
Arts and Sciences	Anthropology	ANG	5835	METH UNDRWTR ARCH	This field-based course is a technical introduction to underwater archaeology, including excavation, site discovery and sampling strategies, process and history of sea level rise and site preservation, and conservation of material recovered from underwater sites. May be repeated to a maximum of nine (9) credit hours.	I
Arts and Sciences	Anthropology	ANG	5145	ORIGINS COMPLEX SOC	This course examines the evolution of ancient complex societies and theories of state origins using a comparative method involving ecological, economic and social approaches to investigate the origins, collapse and sustainability.	F

Arts and Sciences	Anthropology	ANT	3405	Anthropology of Sport	In this course, students explore sport as a cultural phenomenon that unites, and divides people simultaneously. Students learn how anthropologists analyze aspects of sport including the evolution of sport, culture, ethnicity and race, gender, family, health, religion, politics, agency, and community. Students use primary experiences and ethnography to study sport in cultures today.	I
Arts and Sciences	Anthropology	ANT	2410	Introduction to Cultural Anthropology	This course introduces global diversity through the discipline of cultural anthropology which explores and analyzes the commonalities across societies as well as the unique diversity of human societies and cultures. The course introduces key concepts including kinship, gender, culture, religion, race, consumption, nationalism, and globalization, and provides an opportunity to learn more about these concepts in a variety of social and cultural contexts around the world.	F
Arts and Sciences	Anthropology	ANT	3302	Sex and Culture	This course examines human sexuality from an anthropological point of view. Students examine a wide range of human sexual experiences across cultures and over the evolutionary history of the species while applying a holistic perspective to the genetic, physiological, psychological, social, and cultural dimensions of human sexuality.	F
Arts and Sciences	Anthropology	ANT	4465	FOODWAYS ARCHAEOLOGY	This course addresses the topic of food from an anthropological archaeological perspective. The course examines the role food played in shaping identity, gender construction, ethnicity and rituals in past societies. The course also works to engage other disciplinary perspectives, such as those from history, literature, economics and environmental studies, as it attempts to make larger connections with the ways in which food and eating are holistically approached from an anthropological perspective.	I
Arts and Sciences	Anthropology	ANT	2100	INTRO TO ARCHAEOLOGY	This course is an introduction to modern anthropological archaeology. The course introduces students to the interdisciplinary scientific approaches employed in contemporary archaeological research and provides students with an overview of the origins and evolution of human social and economic systems.	I
Fine Arts	Art Education	ARE	5554	Special Populations	This course focuses on the use of art therapy with various special populations. Observation and participation opportunities are afforded so that students can develop skills in human relations, art therapy assessment and art therapy treatment planning for children and adolescents with special needs.	I
Fine Arts	Art Education	ARE	5865	CULTURAL POLICY	This course conditions students to evaluate and proactively respond to the political environment and public policy issues that affect arts and culture at the city, county, state, national, and international levels.	I
Fine Arts	Art History	ARH	5799	CULTURAL HERITAGE	This course is a graduate level introduction to key issues in the field of cultural heritage, including such topics as definitions of tangible and intangible cultural heritage, the role of public opinion and tourism in the protection and interpretation of cultural heritage, the impact of development and conflict, questions of authenticity and identity, international law, and ethics.	I
Arts and Sciences	Asian Studies	ASH	3930	STUDIES IN ASIAN HISTORY: MONSOON EMPIRES	This is a special topics code for courses that have no permanent course code yet. This particular topic will be offered every 2-3 years.	I

Communication and Information	Communication Science and Disorders	ASL	2510	Deaf Culture	This course acquaints students with the political, cultural, educational, and social parameters of Deaf Culture. Students develop knowledge regarding the cultural perspective of deafness held in the United States of America and in less depth, worldwide. In comparison, perspectives opposing the cultural view of deafness are also explored.	I
Social Sciences and Public Policy	Asian Studies	ASN	4114	Modern China	This course will familiarize students with the history of Modern China. Topics to be explored - the impact of western imperialism, China's struggle to blend tradition and reform, attempts at democracy, war, the role of Communism, and the rise of China as a global economic superpower. The course will end by looking at China's current status in the international community and discuss some of the challenges it is facing.	F
Medicine	Medicine	BMS	4007	INTRODUCTION TO MOLECULAR MEDICINE	This course introduces the concept of the main molecular mechanisms that mediate human health and disease and emphasizes molecular cell biology and immunology to understand human health and diseases, and the mechanisms that impact immune response such as inflammation and cancer. Students also participate in active learning, applying the knowledge they acquire in the lectures.	I
Medicine	Medicine	BMS	4932	SPECIAL TOPICS IN BIOMEDICAL SCIENCES: MOLECULES AND MEDICINE	While Introduction to Molecular Medicine is predominated by a lecture-based teaching format, this course is focused in active-learning and problem-solving exercises representing the application phase of molecular medicine. Site-visits to health facilities will also be included in this course's structure.	I
Arts and Sciences	Biological Science	BOT	4802	PLANTS AND SOCIETY	Prerequisites: BSC 2010L, BSC 2011L, CHM 1045L, and CHM 1046L. This course provides an overview of the many types of interactions between plants and people (e.g., plants as sources of food, clothing, fiber, medicine, stimulants, and poisons) with a focus on aspects of plant development, structure, function, evolution, ecology, domestication, and genetic engineering.	I
Arts and Sciences	Biological Science	BSC	3016	EUKARYOTIC DIVERSITY	This course provides an overview of the diversity of eukaryotic organisms (protists, plants, fungi and animals), the evolutionary origin of this diversity, and its societal relevance. Comparisons of exemplar organisms are used to illustrate broad themes in the anatomy, physiology, behavior, life cycles, and ecologies of all eukaryotes.	I
Arts and Sciences	Biological Science	BSC	3052	CONSERVATION BIOLOGY	This course focuses on the history of the conservation movement, the research on populations of animals and plants that is relevant to man's impact upon the environment, pollution in terrestrial and aquatic ecosystems, endangered species, government regulation, and sustainable development.	F
Arts and Sciences	Biological Science	BSC	1005	GEN BIO NON-MAJORS	This course consists of four units of contemporary biology topics, taught by biology professors/researchers who specialize in the subject matter. Topics vary each semester. The course emphasizes the development of science proficiency by teaching students to understand, use, and interpret scientific explanations of the natural world and apply this knowledge to social, environmental, political or wellness issues.	F
Arts and Sciences	Biological Science	BSC	3312	MARINE BIOLOGY	This course explores marine geology, chemistry of the oceans, oceanic circulation, oceanographic techniques, the marine environment and marine life.	I

Arts and Sciences	Biological Science	BSC	1100	NATURAL HISTORY & BIODIVERSITY	This course explores Darwin's world and demonstrates why this statement is even more apt today: The foundation for all of modern biology is evolution, and evolutionary thought stands out from other important scientific principles by the way in which it transformed how science and the society in general view the natural world. This course traces the origins of biological thought from the explosion of discoveries about biological diversity arising from the Age of Exploration by northern European countries, especially the UK, the early development of natural history as a field and specifically of natural history museums as a repository of those discoveries, and how these museums and global exploration set the stage for the intellectual transformation that followed.	I
Business	Risk Management/Insurance, Real Estate and Legal Studies	BUL	3310	The Legal and Ethical Environment of Business	This course offers an introduction to the legal setting in which business operates. Emphasis is on public and regulatory law and on the social, political, and ethical aspects of legal issues in business. Subjects include the nature of law and legal process, administrative law, business and the Constitution, statutory and common law, and related topics.	F
Business	Risk Management/Insurance, Real Estate and Legal Studies	BUL	5810	The Legal and Ethical Environment of Business	This course creates an awareness of the laws and of the legal, political, and social institutions impacting business activity. The course emphasizes public law and governmental regulation, ethics and corporate governance, as well as landmark legislation and judicial decisions.	F
Engineering	Civil and Environmental Engineering	CCE	5020	Infrastructure Resilience	This course provides a comprehensive overview of the basic principles of infrastructure resilience. It provides detailed background about interdependence, risk analysis, and advanced tools related to infrastructure resilience.	F
Engineering	Civil and Environmental Engineering	CCE	5212	SUSTAINABLE CONSTRUCTION	This course provides a comprehensive overview of the basic principles of sustainability and green construction. The course provides detailed background about the green building (LEED) certification, as well as energy calculations and cost-benefit analysis.	F
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	5625	Ecology of Crime	This course is an analysis of crime, delinquency, and victimization within various demographic and ecological systems of society. The course focuses on characteristics of offenders and offenses.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	4662	Minorities, Crime, and Social Policy	This course examines the involvement of minorities, especially African-Americans, in crime and in the criminal justice system. Special attention is paid to the role of racism in theories of crime and in American law and to the treatment of minorities by the various components of the criminal justice system. May require community service hours.	F
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	3678	Policing Diversity: Race, Gender, Religion, and Crime	This course provides students with a theoretical and practical foundation for addressing issues of diversity as public safety and security practitioners. Focus is on an analysis of current local, regional, and national demographics regarding the impact of race, ethnicity, gender, and religion in criminal justice as both producers and victims for crime. Students explore some of the various strategies municipalities have implemented to better serve diverse populations such as policies, laws, and procedures.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	5698	Sex Crime Policy	This course explores sex crime, offenders, and policy. Students examine various critical perspectives to better understand and reduce sex crime.	I

Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	5546	PREV TRTMT CRM DEL	This course focuses on the theoretical development of crime prevention, punishment, and treatment. Topics include historical models of crime control, growth of crime prevention, and aspects such as environmental design, community action programs, and technology systems.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	5669	RACE/ETH/CRIME	This course considers the relationships among race, ethnicity, and crime in the justice system. The effect of social policy on racial and ethnic inequality is studied, and theories of ethnic and racial justice are presented in terms of their effect on crime and criminal justice.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CCJ	3673	SOCIAL REALITY OF BLACK MALES	This course critically examines different viewpoints and non-reconciled positions about the current economic, social and political status of Black males in America. The relationship between stereotypical images and the complicated search among Black males for identity and manhood will also be explored.	I
Engineering	Civil and Environmental Engineering	CEG	5705	ENVIRON GEOTECHNICS	This course focuses on the geotechnical aspects of waste containment and storage. Aspects of design, construction, and performance of earthen structures for storing or disposing waste or remediating contaminated sites.	F
Engineering	Civil and Environmental Engineering	CES	5585	WIND ENGINEERING	This course covers statics and dynamics of wind-induced loads and structural responses. Topics include wind damage, extreme wind probability, wind characteristics, wind pressure and forces, basics of single DOF structural dynamics, and overview of wind dynamics. State-of-the-art research in wind engineering is also introduced.	F
Engineering	Civil and Environmental Engineering	CGN	5301	Analysis of Social-Ecological-Technical Systems	This course analyzes and models simplified social-ecological-technical systems using one- or two-dimensional differential applications. Methods such as logistic growth models, resource-harvest models, and Susceptible, Infected and Recovered (SIR) models are applied to issues involving community resilience and development.	F
Engineering	Civil and Environmental Engineering	CGN	3145	BLENDING STEM & PUBLIC POLICY	The course is thematically driven with respect to the intersection of STEM and Social Sciences on Sustainability within the themes of: (1) Food, (2) Water, (3) Energy, and (4) Climate Change. Within each area students are introduced to core theoretical concepts, historical and contemporary issues, public policy examples, institutions, personalities, geographies, governmental and non-governmental actors and communities.	F
Engineering	Civil and Environmental Engineering	CGN	4802	SENIOR DESG II	This course is a capstone senior-level design course integrating the knowledge and skills gained in undergraduate studies in civil and environmental engineering. The course involves the completion of a team-based interdisciplinary design project started in Senior Design I. This project includes industry and professional participation.	F
Engineering	Civil and Environmental Engineering	CGN	4800	SENIOR DESIGN I	This course covers issues relevant to the design and construction of engineering projects; professional ethics; project planning and scheduling; design under engineering and societal constraints; importance of licensure and continuing education; as well as oral and written communication issues. Inter- or multidisciplinary teams prepare formal proposals addressing engineering challenges; the full design of these proposals is completed during the following semester in the CGN 4802, Senior Design Project course.	F

Arts and Sciences	Chemistry and Biochemistry	CHM	1020C	CHEMISTRY FOR LIBERAL STUDIES	This course introduces basic chemical principles without an extensive use of mathematics and illustrates with applications in health, energy, and the environment. This course strives to show chemistry as a human endeavor that provides insight into the natural world and informs our decisions as citizens and consumers. Specific topics vary by semester. Designed as a course for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses, not as a preparatory course for CHM 1045. Credit is not allowed for CHM 1020 after taking CHM 1032, 1045, or equivalent.	I
Arts and Sciences	Chemistry and Biochemistry	CHM	1020	CHEM LIBRL STUDIES	This course introduces basic chemical principles without an extensive use of mathematics and illustrates with applications in health, energy, and the environment. The course strives to show chemistry as a human endeavor that provides insight into the natural world and informs our decisions as citizens and consumers. Specific topics vary by semester. Designed as a course for students who wish to fulfill the liberal studies science requirement with chemistry and will take no further chemistry courses, not as a preparatory course for CHM 1045. Credit not allowed for CHM 1020 after taking CHM 1032, 1045, or equivalent.	I
Arts and Sciences	Chemistry and Biochemistry	CHM	4455	POLYMER CHEMISTRY	The course covers polymers (plastics) which encompass nearly every facet of our daily lives, and the rich variety of properties and functions that characterize these materials, which is deeply seeded in the chemistry and architecture of their macromolecular structure. This course broadly surveys these materials, the current state of the field, and the modern challenges and research opportunities within it.	I
Arts and Sciences	Chemistry and Biochemistry	CHM	5450	POLYMER CHEMISTRY	The course covers polymers (plastics) which encompass nearly every facet of our daily lives, and the rich variety of properties and functions that characterize these materials, which is deeply seeded in the chemistry and architecture of their macromolecular structure. This course broadly surveys these materials, the current state of the field, and the modern challenges and research opportunities within it.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CJE	3450	Bias Awareness in Public Safety and Security	This course provides students the skills and knowledge to recognize their own implicit biases and develop techniques for recognizing everyone has unconscious biases and how not to allow it to impact decision making. Students learn that one of the most reliable strategies for successful contacts with individuals from differing cultural, racial, or ethnic backgrounds is to treat all individuals and groups with dignity and respect. Students understand how the fundamental legitimacy of the criminal justice system requires unbiased judgement.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CJE	3703	Black and White: Recognizing Disparities in the Criminal Justice System	This course offers an important examination of the inequalities in black victimization, black individuals encountering and moving through the criminal justice system and black criminal justice professionals. Students examine current research, data, statistics, and review individual black experiences on all sides of the law.	I

Criminology and Criminal Justice	Criminology and Criminal Justice	CJE	5738	International Crime and Terrorism	This course examines international crime in the context of comparative criminology and justice. Students study real world examples of transnational crime with emphasis on the conflation of international terrorism and crime as well as the cross-national and international efforts to combat transnational crime.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CJE	4339	Law and Ethics in Victim Services	This course provides an overview of ethical standards within the criminal justice profession in general and specifically analyzes ethical issues as they relate to crime victim advocacy. The course also explores common ethical conflicts and how to apply ethical and legal standards and decision making to resolve them as well as multi-cultural competency and ethical responsibilities.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CJE	3280	Women on All Sides of the Law	This course offers a critical examination of the assumptions about female victimization, women encountering and moving through the criminal justice system and as criminal justice professionals. Students examine current research and review individual experience through writings of women on all sides of the law.	I
Criminology and Criminal Justice	Criminology and Criminal Justice	CJL	4038	SOCIETY & ADM OF JUS	This course examines how law shapes and is shaped by economic relations, morality, social solidarity, state institutions, political domination, democratic governance, and legal consciousness, and how law impacts and is influenced by race, gender, and class relations. The course explores how social groups use law and legal ideology to press their rights to remedy social inequalities and to what extent these groups are successful. Students become familiar with major theoretical traditions in law and society as well as sociological issues such as civil rights, the legislation of morality, and the administration of justice.	I
Arts and Sciences	Classics	CLA	3440	ANCIENT ROME	This course surveys the history of ancient Rome from the Iron Age through Late Antiquity. Emphasis is on political, social, and economic developments.	I
Arts and Sciences	Classics	CLA	3430	HISTORY ANCIENT GREECE	This course surveys the history of ancient Greece from the Bronze Age through the Hellenistic period, with a focus on political, social, and economic developments.	I
Arts and Sciences	Classics	CLA	4151	POMPEII	This course provides a study of the archaeology of Pompeii and neighboring towns from the seventh century BCE to the first century CE. The course focuses on the functioning of an ancient city, its economy, water supply strategies and relation with the hinterlands.	I
Arts and Sciences	Classics	CLA	4930	TECHNOLOGY AND ENGINEERING	This course addresses the role of technology in ancient Roman societies.	I
Entrepreneurship	Retail Entrepreneurship	COA	5400	CONSUMERS IN THE MARKETPLACE	This course examines consumer behavior, which encompasses all activities related to purchase, use, and disposal of goods and services, including the consumer's emotional, mental, and behavioral responses that precede or follow these activities. This course covers diverse topics from various disciplines to understand the enigmatic consumer and the marketplace behavior they engage in.	I
Communication and Information	Communication	COM	3432	Media Representation	The purpose of this course is to explore, observe, discuss, and understand the functions and effects of the ways in which global media represents marginalized peoples/communities. Students use this knowledge to theorize/construct possible futures wherein people have a more direct hand in media creation for the benefit of all.	I
Communication and Information	Communication	COM	3421	Queer Studies	This course reviews and explores the foundational concepts of queer theory and queer history.	I

Communication and Information	Communication	COM	3332	NEW COMM TECHNOLOGY	This course relates the development and the use of new communication technologies to a variety of issues, such as social, economic, health, and policy implications.	I
Communication and Information	Communication	COM	4561	SOCIAL MEDIA CAMPAIGNS	This course prepares students to design and implement a social media campaign, and introduces them to the social, political, and ethical contexts of using new technologies. The class takes either a social advocacy or a marketing perspective.	I
Communication and Information	Communication	COM	5426	MEDIA, CULTR&ENVRNMT	This course examines the role of language and representation in our understanding of the natural world. The course also examines news media coverage of environmental issues, environmental images in popular culture, as well as the communication strategies of environmental organizations.	F
Communication and Information	Communication	COM	4560	SOCIAL MARKETING	This course is an overview and application of social marketing principles and campaigns. This course is designed to familiarize students with current theory and knowledge in the field of social marketing and to provide students experience with planning a social marketing campaign.	I
Communication and Information	Communication	COM	5565	SOCIAL MEDIA ADVOCACY CAMPGNS	This course introduces students to theories and research related to the role of social media in social change. The course also prepares students to design and implement an advocacy social media campaign.	I
Social Sciences and Public Policy	Political Science	CPO	5429	Political Islam: Ideology or Religion	This course focuses on seeking to understand the emergence, evolution and possible futures of what is commonly called political Islam. Students examine the crucial interplay between local and global forces shaping Muslim politics as a lived reality in today's world.	I
Social Sciences and Public Policy	Political Science	CPO	3303	Politics of Latin America	This course examines Latin American politics after the mid-twentieth century. The course also examines the historical, economic, and international contexts in which Latin American political systems function, and identifies challenges to democracy and development. The specific Latin American countries covered will vary.	F
Social Sciences and Public Policy	Political Science	CPO	5740	COMP. POL. ECON.	This course deals with the interaction between politics and economics (or politicians and economists) in the formulation and implementation of national economic policies. The course is theoretical and empirical in orientation.	I
Social Sciences and Public Policy	Political Science	CPO	2002	Introduction to Comparative Government and Politics	This course addresses government institutions and current political parties throughout the world, as well as theories that explain similarities and differences among countries. Topics may include electoral systems, parliamentary systems, causes of political change, democratization, political culture, ideologies, and economic and social policy. Examples are drawn from Western democracies and developing countries.	F
Social Sciences and Public Policy	Political Science	CPO	3034	POLITCS OF DEV AREAS	This course examines how economic and social conditions affect politics and government in Africa, Asia, Latin America, and/or the Middle East. Typical topics include theories of economic development, cultural influences on politics, religious and ethnic conflict, changing roles of women in the developing world, foreign aid, causes and consequences of poverty, causes of revolution, environmental policies, military regimes, and corruption.	F
Social Sciences and Public Policy	Political Science	CPO	3743	STATES AND MARKETS	This course analyzes the multifaceted ways in which political and economic spheres interrelate. Students will be exposed to relevant debates on democracy and growth, the state's role in the economy, corruption, natural resources, and redistribution.	I

Entrepreneurship	Retail Entrepreneurship	CTE	5475	Developing and Designing Sustainable Accessory Products	This course explores sustainable design practices in products of the fashion industry. Students create accessory products from recycled materials or renewable resources and consider aspects of trend, design, processes, and material selections that are incorporated into a sustainability framework of environmental impact, social responsibility, animal welfare, impact on artisan, and waste materials. Students discover the influence of heritage and innovation on entrepreneurship, fashion, health and wellness. Students explore and learn about textile design/manufacturing/testing, quality assurance, and product innovation in a global marketplace.	F
Entrepreneurship	Retail Entrepreneurship	CTE	5950	Textiles and Apparel Entrepreneurship in Florence	This course explores the decision making behavior of consumers in a complex and diverse marketplace, including consumer rights and responsibilities.	F
Entrepreneurship	Retail Entrepreneurship	CTE	3808	CONS IN COM MKTPLC	This course summarizes and highlights a range of theoretical and empirical perspectives on retail entrepreneurship and provides students an opportunity to actively engage with faculty members during presentations, discussions and reaction papers on a variety of topics, uniquely specific to each faculty member's area of research and/or expertise.	I
Entrepreneurship	Retail Entrepreneurship	CTE	5890	Perspectives in Retail Entrepreneurship	This course provides an overview of social responsibility, human rights, and sustainability, and it identifies strategies and frameworks to apply to socially-responsible and sustainable business. This course also explores the roles of the consumer, corporation, and government and non-governmental organizations.	F
Entrepreneurship	Retail Entrepreneurship	CTE	4470	SUSTAINABILITY & HUMAN RIGHTS	This course provides an overview of social responsibility, human rights, and sustainability, and it identifies strategies and frameworks to apply to socially-responsible and sustainable business. This course also explores the roles of the consumer, corporation, and government and non-governmental organizations.	F
Entrepreneurship	Retail Entrepreneurship	CTE	5471	SUSTAINABILITY & HUMAN RIGHTS	This course investigates the effects of urban stormwater management practices on runoff and water quality. Topics include legal and regulatory requirements, methods of engineering analysis and design of stormwater systems. This course covers the processes of the hydrologic cycle, hydrologic analyses for the planning and design of water management systems, and the use of application program packages.	F
Engineering	Civil and Environmental Engineering	CWR	5308	Urban Stormwater Runoff	This course examines numerous topics including coastal hydraulic principles and waves in estuaries and coastal oceans, wave properties and wave forces on coastal structures, tidal motions, mixing and transport in estuaries, and coastal engineering analysis.	I
Engineering	Civil and Environmental Engineering	CWR	4101	ENG HYDROLOGY	This course is a hands-on introduction to environmental and hydraulic engineering topics. Physical experiments that demonstrate fundamental concepts such as hydrostatics, pipe flow, open channel flow, water quality, and water treatment processes are performed.	F
Engineering	Civil and Environmental Engineering	CWR	5824	COAST/ESTUAR HYDRLIC	This course examines the fundamentals of groundwater flow and contaminant transport. Topics include: Darcy's law, flow nets, mass conservation, heterogeneity and anisotropy, storage properties, 3-D equation of groundwater flow, regional circulation, unsaturated flow, recharge, stream-aquifer interaction, well hydraulics, slug test analyses, and contaminant transport processes.	F
Engineering	Civil and Environmental Engineering	CWR	3200L	ENV HYDRAUL ENG LAB		F
Engineering	Civil and Environmental Engineering	CWR	4120	GROUNDWATER HYDROLOG		F

Engineering	Civil and Environmental Engineering	CWR	4202	HYDRAULIC ENG I	This course covers principles of hydrology and hydraulics as they apply to the design of water supply, urban drainage, flood control, and hydraulic energy-conversion systems. Students use computer-aided design to devise hydraulics systems.	F
Engineering	Civil and Environmental Engineering	CWR	5635	WAT. RES. PLAN. &MAN	This course examines the quantity and quality planning of water resources systems. Economic considerations.	F
Engineering	Civil and Environmental Engineering	CWR	4540	WATER RESOURCES ENG	This course offers a systems approach to complex water resources problems as well as a systems analysis of water resources operations, design, and planning.	F
Engineering	Chemical and Biomedical Engineering	ECH	4781	CHEM ENG/ ENVIRONMENTAL	The course aims to increase the student's appreciation of the environmental issues, risk concepts, and environmental regulations and to use this background knowledge to identify types of wastes, emissions, material use, and energy use to determine the environmental performance of chemical processes and products. The role that chemical process engineers and chemical process designers can play in solving the environmental problems will be thoroughly examined. Finally, the student is exposed to a wide variety of analysis tools required to evaluate and improve environmental performance of chemical processes. Through out the course, the student is presented with ways to think critically, continue to learn and improve his/her level of performance not only in college, but also throughout his/her career. The use of modern engineering tools in the formulation, analysis and solution of problems in chemical engineering - environmental systems will be emphasized.	F
Engineering	Chemical and Biomedical Engineering	ECH	4824	CHEM ENG/ MATERIALS	This course provides an introduction to engineering materials, with emphasis on understanding the relation between structure, processing, and properties. In particular, the role of the atomic structure and arrangement, as well as the microstructure, in determining the physical properties of these materials is examined. In addition, polymers and modern processing techniques for improving material performance are studied. Finally, the resistance of materials to environmental factors, and factors in selection of materials for engineering applications are discussed.	I
Engineering	Chemical and Biomedical Engineering	ECH	4803	Petroleum Science and Technology	In this course, students learn about petroleum, the most important resource of energy and materials in modern days. This course emphasizes historical developments, technologies and processes used in the petroleum industry (upstream, midstream and downstream).	F
Social Sciences and Public Policy	Economics	ECO	4704	International Trade	This course discusses the theory of international trade, the gains from trade, tariffs and other trade restrictions, cartels. This course covers consumption, production, and resource allocations considered from a private and social point of view; microeconomic problems and policy alternatives; economics of inequality and poverty; and comparative economic systems.	I
Social Sciences and Public Policy	Economics	ECO	2023	PRIN OF MICROECON		I
Social Sciences and Public Policy	Economics	ECO	4132	ECO OF COMPASSION	This course addresses international and domestic issues of compassionate, charitable, and philanthropic activities. It offers an economic framework from which students can critically evaluate public and private actions whose purpose is to eliminate hunger, disease, poverty or other human burdens.	I

Social Sciences and Public Policy	Economics	ECO	2013	Principles of Macroeconomics	This course explores aggregate economics and national income determination, money and monetary theory, present macroeconomic conditions, and aggregative policy alternatives; theory of international trade and the balance of payments; economic growth and development.	I
Social Sciences and Public Policy	Economics	ECO	4504	PUB SECTOR ECONOMICS	This course examines the logic of collective actions, principles of government expenditures, theory and practice in taxation, shifting and incidence of taxes.	I
Social Sciences and Public Policy	Economics	ECO	5506	PUBLIC GOODS	This course explores the theory, empirical evidence, and experimental evidence regarding how human societies provide public goods.	I
Social Sciences and Public Policy	Economics	ECP	3617	Land Use, Housing and Government Regulation	This course provides the theoretical and institutional machinery for analyzing land, housing and mortgage markets, with special attention given to the intended and unintended effects of government regulation of these markets. Important empirical evidence is also reviewed.	I
Social Sciences and Public Policy	Economics	ECP	3403	BUS ORG & MKT STRUC	This course is an introduction to the economic analysis of industry, a survey of market structures, oligopoly and collusion, a variety of commercial practices under imperfect competition, the welfare consequences and policy approaches to the problems of monopoly.	I
Social Sciences and Public Policy	Economics	ECP	3143	AFR-AMR IN US POL EC	This course examines the market, institutional, governmental, and social processes that have contributed to the economic well-being of African-Americans. Also covers theoretical material related to wage determination, labor market discrimination, and marriage and transitions in family structure, as well as interaction between race and class as determinants of the life chances of African-Americans.	I
Social Sciences and Public Policy	Economics	ECP	3113	ECONOMICS POPULATION	This course examines determinants and consequences of world population growth and changes, components of population growth in more- and less-developed countries, population and food supply, nonrenewable resource interrelationships.	I
Social Sciences and Public Policy	Economics	ECP	3302	NAT RESRC,ENERG,ENVR	This course focuses on the relationship between natural resource availability and growth, capital theory, economics of the environment, the U.S. energy problem and alternatives for the future, an economic appraisal of U.S. energy policy.	F
Social Sciences and Public Policy	Economics	ECP	4618	RSCH MTHDS STDY HOUSE,LND&CITI	This course explores the use of quantitative research methods to evaluate and understand the performance of economies, with a focus on land use, housing, urban economic growth, housing finance and public finance. Each student will be responsible for identifying a research topic, defining the research question, and conducting original research as part of the course through a workshop format supervised by the instructor.	F
Social Sciences and Public Policy	Economics	ECP	5115	SEM:ECON OF POPULATN	This course examines theoretical and empirical treatment of the determinants of demographic behavior in less and more developed nations, the economic consequences of the behavior, and implications of both sets of findings for population and economics policy.	I
Social Sciences and Public Policy	Economics	ECP	4613	URBAN ECONOMICS	This course is an analysis of trends in urban economies in the U.S. and elsewhere. Introduction to economic and demographic data sources for analysis of urban areas; issues confronting contemporary urban places.	I

Social Sciences and Public Policy	Economics	ECP	5606	URBAN/REGIONAL ECON	This course introduces students to the evolution of cities, along with issues with which cities and regions must deal (e.g., sprawl, pollution, congestion, transportation, poverty, housing and neighborhood development, public finance) to be examined from an economic perspective. The content lays the foundation for an analysis of policy alternatives to deal with these issues.	F
Social Sciences and Public Policy	Economics	ECS	4504	Economics of the Middle East	This course discusses the economic history of the Middle East and reviews events and policies bringing these nations to their current positions and examines prospects for future economic growth.	I
Social Sciences and Public Policy	Economics	ECS	4013	ECONOMS OF DEVELOPMNT	This course presents economic development as a process, description and analysis; alternative overall theories of development; particular problems and policy responses to them; strategic choices in development policy. Main focus on third world economies.	I
Social Sciences and Public Policy	Economics	ECS	4431	ECON OF CARIBBEAN	This course provides a detailed introduction to the analysis of economic development of Caribbean countries, including a discussion of the basic characteristics of Caribbean economies, a discussion of alternative theories and models of development, as well as a range of particular economic and social issues of concern to policy makers within Caribbean countries. Focus is on the actions available to Caribbean nations for addressing their development concerns within their region and/or country.	I
Social Sciences and Public Policy	Economics	ECS	3022	SOCL ENTRPRNSHP & ECON DVLPMNT	This seminar incorporates the practical realities of economic development program implementation into the classroom, using a discussion format and case studies of real world applications. The readings are used to provide a broader context for the discussion of specific cases and more general theories. An emphasis is placed on "lessons learned" and discussion of the constraints and potential for implementing effective economic development programs in low-income areas of the United States and world, with a special focus on cities.	I
Education	Educational Leadership and Policy Studies	EDA	5231	Applications of Policy	This course explores the roots of the educational process, the role of different stakeholders in policy formation and implementation, and applications of these educational policies in schools for the purpose of improving teaching and learning.	I
Education	Educational Leadership and Policy Studies	EDA	6068	Education Policy to Practice for Educational Practitioners	This course provides a broad overview of the field of K-12 educational policy. Students will learn central theories that have been used to understand the goals and mechanisms of different state and federal policy efforts aimed at improving schools and schooling.	I
Education	Educational Leadership and Policy Studies	EDA	5069	Ethics in Educational Leadership	This course examines educational leaderships as an ethical endeavor; covers the assumptions, values, and beliefs that inform school practice and policies; discusses systemic constraints to educational leadership; and also covers social-justice concerns in education.	I
Education	Educational Leadership and Policy Studies	EDA	5219	Resource Management for Educational Leaders	This course examines public education as an economic institution, emphasizing the relationship between the purposes of schooling and the human and fiscal-resource allocation role of the principal. The principal's role in selected strategies and techniques in critical thinking and problem solving as applied to school improvement are presented. Procedures involved in school funding are examined, as well as the role of the principal in implementing statutes, audits, procedures, and policies. Recruitment, selection, retention of school personnel, and collective bargaining are examined as they relate to state and federal law.	F

Education	Educational Leadership and Policy Studies	EDA	5191	LEAD FOR DIVERSITY	This course integrates DOE requirements of ESOL Standards for School Administrators with a) an understanding of the Consent Decree, accountability and equity issues related to LEP students; b) an understanding of compliance with federal and state regulations; and c) an understanding of cultural proficiency in the school environment.	I
Education	Educational Leadership and Policy Studies	EDF	5641	Introduction to Policy Studies in Education	This course provides an introduction to the concept and practice of policy in the field of education with special focus on the use of social knowledge in policy formation. It highlights policy as a multidisciplinary field of study.	I
Education	Educational Leadership and Policy Studies	EDF	5652	Policy Development in Education	This course explores the United States' policymaking process in all its stages including problem identification, agenda setting, policy formation, policy adoption, implementation and evaluation. In so doing, it surveys a broad range of K-12 and postsecondary education policies.	I
Education	Educational Leadership and Policy Studies	EDF	5089	Black and Latino Education: History and Policy	This course explores factors that have impeded academic achievement at the K-12 and university levels, in addition to examining programs that foster success. This course provides an understanding of the history and socio-economic context of the educational experience of African-Americans and Latinos, the two largest minority groups in the United States.	F
Education	Educational Leadership and Policy Studies	EDF	5624	Economics of Education	This course applies basic economic theory and methods to policy issues arising in schools and universities, including both domestic and international settings. Examples of specific issues include the supply and demand for education, the external benefits of education, the labor market for educators, and the effect of market competition on the performance of educational institutions.	F
Education	Educational Leadership and Policy Studies	EDF	4861	Education Abroad: Access, Equity, and Opportunity	This course provides an introductory investigation of a variety of topics in counseling psychology and education and includes real-life, hands-on experiences related to counseling in other countries.	I
Education	Educational Leadership and Policy Studies	EDF	5867	Education Abroad: Advanced Access, Equity, and Opportunity	This course provides an introductory investigation of a variety of topics in counseling psychology and education and includes real-life, hands-on experiences related to counseling in other countries. May be repeated to a maximum of nine (9) credit hours.	I
Education	Educational Leadership and Policy Studies	EDF	5519	History of Higher Education	This course provides an in-depth overview of the history of higher education in the role of higher education in society over the last two centuries, the expansion of higher education in the twentieth century to include various groups such as women, African-Americans, and the working-class; tensions between the traditional, liberal arts curriculum and multicultural offerings; and governmental roles in the transformation of modern higher education.	F
Education	Educational Leadership and Policy Studies	EDF	2085	Teaching Diverse Populations	This course examines the complexity of the full range of human groupings and cultural perspectives, as well as the complex relationships among them. Students gain self-understanding in becoming culturally conscious participants in the global community through examining the differences between individuals and peoples, comparing cultures within the global community, and investigating diversity within Florida populations in general and school community populations in particular.	I

Education	Educational Leadership and Policy Studies	EDF	5743	FOUNDATIONS OF EDUCATION	This course provides an overview of the social, cultural, philosophical, political, historical, and economic foundations of education. It examines the relationship between schools and the society in which they exist. Students examine the influences of culture, history, and economy on educational beliefs, policies, and practices.	I
Education	Educational Leadership and Policy Studies	EDF	5850	INTERNATL DEVL MNT ED	This course is an overview of the roles of education in national development and in promoting social, economic, and cultural improvement. Emphasis given to less developed countries and "Third World" communities at home.	I
Education	Educational Leadership and Policy Studies	EDF	2082	INTRO TO INTL DEVELOPMENT ED	This course constitutes a basic overview of international development work in the education sector in societies of Asia, Africa, the Middle East and Latin America. The course explores different approaches to international development and how these shape and influence educational improvement initiatives in countries of the Global South. This course discusses the core issues in literacy policy globally, with a particular focus on low- and middle-income countries. The course also covers the role of literacy in promoting other development outcomes, such as health and women's empowerment.	I
Education	Educational Leadership and Policy Studies	EDF	6865	PROMOTING LITERACY IN INTL SET		I
Education	Educational Leadership and Policy Studies	EDH	5046	Diversity, Equity, and Inclusion in Higher Education	This course is designed to increase students' knowledge about and capacity to operate within the diverse society in which they live through critical reflection, dialogue, and self-exploration in relation to the world around them. Students will learn about multicultural issues and acquire the skills necessary to work effectively with people from diverse backgrounds.	I
Education	Educational Leadership and Policy Studies	EDH	5054	The American Community College: History and Development	This course is designed to introduce students to the philosophy and historical evolution of the American Community College. The focus is on the social, economic, political, and educational forces that influence the community college, as well as the programs, services, and current issues.	F
Education	Educational Leadership and Policy Studies	EDH	6085	SOCIAL JUSTICE IN HIGHER ED	This course explores issues surrounding various social identities, examines epistemologies that attempt to explain the role these identities play in higher education settings, and critically analyzes previous and existing higher education policy and practice to greater understand the influence of social justice, diversity, and multiculturalism on higher education.	I
Engineering	Electrical and Computer Engineering	EEL	5247	POWER CONVERSION AND CONTROL	This course introduces solid-state power conversion and control circuits, including analysis and design of nonlinear multiple-phase circuits with sinusoidal and non-sinusoidal variables; constant-frequency and variable-frequency input converters; variable-frequency inverters; sensing and processing circuits supporting control systems; and embedded microprocessor control systems (DC/AC conversion used with solar).	I

Engineering	Electrical and Computer Engineering	EEL	5288	INT OF DISTRIBUTED GENERATION	This course introduces the concept of integration of alternate renewable resource based power generation technologies known as 'Distributed Generation'. The course familiarizes students with various DG sources such as Wind, Solar, Hydro, Wave and Tidal, Geothermal, and Bio-fuel based energy generation technologies, however, PV and wind technologies are studied in details. The course also covers the modeling and simulation of distribution networks, modeling of PV and wind technologies, their integration technologies with the grid, possible impacts on grid due to the integration of DG, tariffs (feed-in tariff, net-metering etc.) for DG integrations, impact of variability, microgrids and its controls, IEE interconnection standards etc.	F
Engineering	Electrical and Computer Engineering	EEL	5075	INTRODUCTION TO ENERGY STORAGE	Prerequisite: EEL 3003, EEL 3111, or graduate standing. This course provides students with an overview on energy storage technologies and devices with focus on electrochemical storages including advanced rechargeable batteries, electrochemical capacitors, and fuel cells (for storage of renewable energy sources).	I
Engineering	Electrical and Computer Engineering	EEL	5284	PHOTOVOLTAICS	Prerequisite: EEE 3300 or knowledge of electronics and semiconductor physics. This course educates students in the design and applications of solar energy technology. This course focuses on theoretical fundamentals of solar energy conversion, types of solar cells and their operations, optical engineering, and energy storage and distribution systems. The course covers solar energy insolation and global energy needs, current trends in photovoltaic energy engineering, solar cell material science, design and installation of solar panels for residential and industrial applications and connections to the national grid and cost analysis of the overall system.	F
Engineering	Electrical and Computer Engineering	EEL	5285	RENEWABLE ENERGY I	This course is an introduction to renewable energy generation. Topics covered include smart grid system, hybrid electric vehicle, and grid-connected PV inverters. Emphasis is placed on the energy conversion techniques applied in the renewable energy source and energy storage elements.	F
Engineering	Electrical and Computer Engineering	EEL	4280	RENEWABLE ENRGY GEN I	This course is an introduction to renewable energy generation. Topics covered include smart grid system, hybrid electric vehicle, and grid-connected PV inverters. Emphasis is placed on the energy conversion techniques applied in the renewable energy source and energy storage elements.	F
Engineering	Civil and Environmental Engineering	EES	3040	INTRO TO ENVIRON ENG	This course is a broad introduction to environmental engineering topics. Includes fundamental concepts in mass balance, water quality, water and wastewater treatment, air quality, and solid/hazardous waste management, with considerations to environmental and societal impacts, as well as technical limitations. This course serves as the foundation for all other environmental engineering courses.	F
Education	Teacher Education	EEX	5210	Assessment and Diagnosis of Autism Spectrum Disorder and Intellectual Disability	This course provides students with an understanding of the core features associated with and diagnostic criteria used to identify autism spectrum disorder (ASD) and intellectual disability (ID). Students learn a transdisciplinary framework for the assessment process, and develop the skills necessary to identify, design, and administer assessments used to build appropriate, assessment-driven educational plans.	I

Education	Teacher Education	EEX	5088	General Curriculum Access for Learners with Extensive Support Needs	This course focuses on strategies for developing curricular priorities for students with extensive support needs, including ways to link instruction to state standards in reading, math, writing, science, and other content areas. the course places emphasis on evidence-based practices that allow the K-12 individual with extensive support needs to access the general education curriculum.	I
Education	Teacher Education	EEX	5298	Teaching Students with Autism	This course provides teacher candidates with the knowledge needed to develop effective communication, social, and language assessments and interventions for individuals with autism spectrum disorder. Emphasis is placed on establishing appropriate learning goals and implementing research-based instructional methods to maximize each learner's progress and access to the general education curriculum. An overview of the characteristics of autism spectrum disorders (ASD) is provided.	I
Engineering	Chemical and Biomedical Engineering	EGS	3045	Interdisciplinary Perspectives on the Global Grand Challenges of Engineering	This course delves into the engineering challenges of the 21st Century and considers how these challenges can be overcome at the global scale.	F
Engineering	Industrial and Manufacturing Engineering	EIN	4243	Ergonomics	This course examines human characteristics and limitations in relation to physical work, mental work, and job design. This course utilizes case studies and design exercises to explore human physiological variables in relation to industrial work environments and product design.	I
Education	Education	EME	5078	Design of Online & Digital Adaptive Learning	This course is designed to guide students to develop and implement online and digital adaptive learning technologies by understanding and applying the interdisciplinary principles of instructional design, learning technologies, human computer interaction, and learning analytics. The course reviews the design theories of adaptive and personalized learning and examines how instructional designers and educators can leverage digital culture, emerging technologies, and data science to design or develop online and digital adaptive learning products and environments.	I
Engineering	Mechanical Engineering	EML	4450	ENRG CNVR SYST SUSTA	This course presents the challenge of changing the global energy system so it addresses reducing dependence on finite fossil energy sources and moving to environmentally sustainable energy sources. The emphasis is on greenhouse gas emissions-free energy production strategies, including renewable energy sources such as solar, wind, and biomass. Topics include photovoltaic cells, fuel cells, and thermoelectric systems.	F
Engineering	Mechanical Engineering	EML	5451	ENRG CNVR SYST SUSTA	This course discusses the challenges of making the global energy system independent of finite fossil-energy sources and, instead, dependent on environmentally sustainable energy sources. The course emphasizes strategies for producing energy that is free of greenhouse-gas emissions, including renewable energy sources such as solar, wind, and biomass. The course focuses on direct energy conversion and covers topics such as photovoltaic cells, fuel cells, and thermoelectric systems.	F
Engineering	Mechanical Engineering	EML	4452	SUSTAINBL PWR GENRTN	This course is a continuation of energy-conversion systems for sustainability and focuses on solar electricity, biopower, biofuels, and hydrogen as energy media. The course also explores whether hydrogen-based transportation is a practical option.	F

Engineering	Mechanical Engineering	EML	5453	SUSTAINBL PWR GENRTN	This course is a continuation of sustainability energy-conversion systems and focuses on solar electricity, biopower, biofuels, and hydrogen. The course also discusses the practicality of hydrogen-based transportation.	F
Arts and Sciences	English	ENG	5846	Theories of Difference in Rhetoric and Composition	This course familiarizes graduate students with concepts on how race, class, gender, ability, sexual orientation and/or ethnicity have been theorized and how those theories are put into practice. Students survey a variety of forms such efforts have taken, including how rhetoric and composition studies as a field assembles evidence, argues claims and constructs theories and histories. Students assess the implications of current theories for research, teaching and learning in academic and community-based contexts.	I
Entrepreneurship	Entrepreneurship	ENT	4622	Biomedical Innovation and Entrepreneurship	The course covers recent innovations in biomedicine that span from biological molecules to healthcare delivery systems followed by the study of companies that are pursuing the opportunities unveiled by the innovations. The innovations explored come from advances in molecular biology and biological, biomedical, mechanical, electronic, and software engineering.	F
Entrepreneurship	Entrepreneurship	ENT	3273	Family Business	This course covers special issues facing entrepreneurial and family businesses: choice of organizational form, business planning, tax and compensation planning, business valuation, and succession strategies. Time is also devoted to the unique challenges often found in family business context, such as dealing with family conflicts, how to motivate and evaluate employees when a mix of family and non-members are involved, and planning for succession.	I
Entrepreneurship	Entrepreneurship	ENT	5517	Raising ESG & Impact Capital	This course provides students with the understanding and skills necessary to raise capital for sustainable ventures and finance Environmental, Social and Governance (ESG) projects. It is intended for both intrapreneurs (students seeking opportunities in sustainability at the corporate level) and entrepreneurs (students seeking to launch their own venture or join a social enterprise).	F
Entrepreneurship	Entrepreneurship	ENT	5806	Sustainable Value Chains in a Net Zero Carbon World	This course focuses on sustainability of supply chains through the lens of these climate change drivers. The course focuses on the food and agriculture industry as a microcosm for the decarbonization of supply chains. Students learn Life Cycle Analyses through their subset Carbon Footprint of Products.	F
Entrepreneurship	Entrepreneurship	ENT	2802	ENTREPRE & CONTEMPORARY SOC	This course explores entrepreneurship in society by understanding how innovation can led to commerce and how commerce impacts our daily lives. Topics include the process of innovation, the nature of entrepreneurialism, the essence of Problem-Opportunity-Venture-Operations (POVO) model, the lean star-up business model, different kinds of entrepreneurship (commercial, social, scientific and artistic) and an introduction to competencies that have facilitated success in other entrepreneurs.	I
Entrepreneurship	Entrepreneurship	ENT	3629	ENTREPRENEURIAL TECHNOLOGIES	This course gives students the opportunity to critically assess current and emerging technologies. Students learn a defined process for efficiently and effectively coming up to speed on new technologies and how to think critically about the economic potential, societal impact, and ethical considerations of new technologies.	I

Entrepreneurship	Entrepreneurship	ENT	5216	FOUNDATIONS OF ENTREPRENEURSHIP AND LEADERSHIP	<p>The objective of this course is to develop an understanding of the foundations of entrepreneurial behavior, by providing a broad survey of entrepreneurship and leadership topics. Students will be exposed to different types of entrepreneurship and the class will cover an array of topics that span from idea generation through venture formation, financing, scaling, and leading the entrepreneurial venture. At the same time, the instructor will help students build knowledge and skills to be a successful entrepreneur.</p>	I
Entrepreneurship	Entrepreneurship	ENT	3607	Innovation by Design	<p>This course teaches methods common to human-centered innovation frameworks such as Design Thinking: empathizing, framing and reframing problems, ideating, prototyping and testing solutions. Students learn the process of developing products, services, systems and other solutions from the initial discovery of needs, to presenting a tested solution ready for deployment.</p>	F
Entrepreneurship	Entrepreneurship	ENT	4305	LEGAL & ETHICAL ENVIRONMENTS	<p>This course exposes students to the various stages of starting a business--from start-up and growth to an initial public offering--while highlighting the legal preparations and pitfalls that go along with them. Students become familiar with the essentials of leaving your job, competing with a former employer, contract law, and bankruptcy, as well as the most current issues like clean energy, e-commerce, ethics, and sustainability in the entrepreneurship environment.</p>	I
Entrepreneurship	Entrepreneurship	ENT	5805	LEVERAGING TECHNOLOGY TO ACHIEVE SOCIAL AND SUSTAINABILITY GOALS	<p>Sustainability is, at its core, the balance of environmental, social, and economic goals in a way that does a better job of taking account of future needs and risks than current social systems do. It is increasingly clear that business and environmental professionals need to understand these issues and that the investment community will be increasingly looking to identify companies that demonstrate the ability to understand, anticipate and potentially manage themselves profitably in this quickly evolving landscape. Being able to assess the broader strategy and performance of a company or organization, and particularly its approach to economic and environmental sustainability is becoming a high-profile complement to more conventional management skills. Companies have a significant impact on environmental and economic stewardship through their own activities, and by the impacts of their products and services.</p>	F
Entrepreneurship	Entrepreneurship	ENT	3513	MARKET SOLUTIONS	<p>This course introduces Social Entrepreneurship, a movement that uses commerce to positively impact/solve social problems. This course is designed to inform students of the world's largest social problems, how to identify social problems, and begin the ideation process in the development of social enterprise.</p>	I
Entrepreneurship	Entrepreneurship	ENT	5516	Measuring Environmental, Social, and Governance Impact	<p>This course examines the role of Environmental, Social, and Governance (ESG) and Corporate Social Responsibility (CSR) as a strategy to improve products, profits, and brand equity. Students examine numerous corporate initiatives that attempt to address these challenges as well as how they are being evaluated in the public eye.</p>	F

Entrepreneurship	Entrepreneurship	ENT	4514	MEASURING SOCIAL IMPACT	This course introduces students to an overview of various methodologies used to evaluate the social impact generated by for-profit and nonprofit entities. Students develop a clear understanding of the four methods for measuring social impact: Expected Return; Theory of Change, Mission Alignment Methods, and Experimental and Quasi-Experimental Methods.	I
Entrepreneurship	Entrepreneurship	ENT	3283	MINORITY NEW VENTURE	This course focuses on the emergence and current impact of women- and minority-owned businesses. The course also considers special challenges and opportunities that women and minority entrepreneurs confront. Course may include discussions with successful women and minority business owners.	I
Entrepreneurship	Entrepreneurship	ENT	5606	PRODUCT DEVELOPMENT ANALYTICS	The course spans the product development topics of competitive advantage, market, customer analytics, business process, financial sustainability, people and supply chain analytics.	I
Entrepreneurship	Entrepreneurship	ENT	4804	PSYCHOLOGY OF ENTREPRENEURSHIP	The psychology of entrepreneurship helps students understand the successful entrepreneur from various aspects--economic, social, personal, and societal. This course covers various aspects of the psychology of entrepreneurship that mimics the broad research streams of psychology (e.g., cognitive, personality, and positive psychology among others).	I
Entrepreneurship	Entrepreneurship	ENT	3515	SE & CORPORATE RESPONSIBILITY	This course provides students with the historical context of Social Entrepreneurship and examines the increasing role of Corporate Social Responsibility as a strategy to improve products, profits, and brand equity.	F
Entrepreneurship	Entrepreneurship	ENT	4505	SOCIAL ENTERPRISE FINANCE	This course introduces students to different startup capital sources, how to secure capital, how to develop a sustainable double/triple bottom line, and how to maximize social impact.	F
Entrepreneurship	Entrepreneurship	ENT	5634	Systems Thinking: Solving Wicked Problems	This course assesses system behaviors by examining the entire system -- including human, political, community, resource, environmental, and social processes -- to get a holistic view into how organizations and individuals often look at the world, assess problems, and design solutions. Prerequisites: CWR 3200L and EES 3040. This course covers	F
Engineering	Civil and Environmental Engineering	ENV	4611	ENVIRONMENTAL IMPACT ANALYSIS	topics such as analysis of various measures of environmental quality, impact of human activity on water, land, and air resources, and benefit-cost analysis in environmental-impact assessment.	F
Engineering	Civil and Environmental Engineering	ENV	5407	WATER REUSE ENGINEERING	Prerequisite: ENV 4001 or equivalent. This course covers wastewater reclamation and reuse; treatment processor and systems; monitoring and control instrumentation; health and social aspects; design of facilities/systems.	I
Engineering	Civil and Environmental Engineering	ENV	4001	ENVIRONMENTAL ENG	This course covers the design of water and wastewater treatment plants, wastewater collection systems, air and water pollution control, as well as solid waste management and contemporary environmental issues.	F
Engineering	Civil and Environmental Engineering	ENV	4031	APLD ENVR ENG MCRBIO	This course surveys environmentally important microbes and their roles in the environmental restoration processes. Major topics include basics of microbiology, stoichiometry and bacterial energetics; bioremediation and other environmental microbiology applications; as well as the detoxification of hazardous chemicals.	F

Engineering	Civil and Environmental Engineering	ENV	5105	AIR POLLUT CONTROL	This course investigates analytical concepts for determination of sources, amounts, and transport of air pollutants; health and environmental effects; design of control devices and management programs.	F
Engineering	Civil and Environmental Engineering	ENV	5030	APPL MICROBIOLOGY	This course focuses on the survey of environmentally important microbes and the roles they play in environmental restoration processes. Major topics include basics of microbiology, stoichiometry and bacterial energetics, bioremediation and other environmental microbiology applications, and detoxification of hazardous chemicals.	F
Engineering	Civil and Environmental Engineering	ENV	4561	DESIGN OF WATER QUALITY MANAGEMENT FACILITIES	Prerequisite: ENV 4001. This course covers analysis of operations, processes, and systems used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. Design of small and decentralized wastewater management systems.	F
Engineering	Civil and Environmental Engineering	ENV	5565	DESIGN WATR QUAL FAC	This course is an analysis of operations, processes, and systems used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. Design of wastewater collection systems, water and wastewater treatment plants, and systems for disposal for residuals from such facilities.	F
Engineering	Civil and Environmental Engineering	ENV	4500	ENV ENG PROCESS/OPER	This course covers the operational and design features of the physical, chemical, thermal, and biological treatments used in engineering for water and wastewater treatment and the management of solid and hazardous waste.	F
Engineering	Civil and Environmental Engineering	ENV	5617	ENVIRO ENGIN SUSTAINABILITY	This course explores theory in the field of environmental sustainability and green engineering; material also covers sustainability in relation to other disciplines, but focuses on environmental and engineering concepts.	F
Engineering	Civil and Environmental Engineering	ENV	5076	ENVIRON LAW FOR ENG	This course is an introduction to environmental law and policy suitable for students pursuing engineering and science majors. The course addresses major federal environmental laws and environmental permitting and develops critical thinking skills through the exploration of contemporary and sometimes controversial issues such as climate change, environmental justice, hydraulic fracturing, trade, and the environment, and international environmental law.	F
Engineering	Civil and Environmental Engineering	ENV	4022	REMEDIAITON ENGINEER	This course reviews various innovative remediation technologies used for cleanup of contaminated soil and groundwater at a site such as air sparging, soil vapor extraction, reactive walls, reactive zones, stabilization technologies, as well as hydraulic and pneumatic fracturing pump-and-treat systems.	F
Engineering	Civil and Environmental Engineering	ENV	4341	SOLID & HAZRDS WASTE	This course covers definitions and characteristics of solid and hazardous wastes. Topics include history, growth, and magnitude of the problem; legislative, regulatory, and technical aspects of waste generation, storage, collection, transportation, processing, transformation, and disposal; design of waste minimization and recycling programs; and case studies of waste management.	F

Arts and Sciences	Earth, Ocean, and Atmospheric Science	EOC	4631	MARINE POLLUTION	This course introduces students to chemical, physical, and biological aspects of dominant marine pollutants, including dissolved toxic metals, complex organic and inorganic contaminants, and particulate pollutants. Topics cover the sources and types of dominant contaminants, their key characteristics, their pathways (as traced through the marine ecosystem from the source to the sinks), their impact on the environment, as well as approaches that could lead to the reduction or elimination of pollutants in the marine environment.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	ESC	1000	INTRODUCTORY EARTH SCIENCE	This course is an introduction to the study of planet Earth, its internal dynamics, and surficial weathering, erosion, sedimentary processes, the composition and motion of its oceans and atmosphere, and its origin as part of the solar system. Course credit may not be received for this course and also GLY 1000, GLY 1030 or GLY 2010C.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	ESC	3100C	HISTORY OF EARTH SYSTEMS	This course examines the history of the earth, its tectonic, chemical and biological systems, and how they influence one another. Special attention is given to important tectonic, environmental and biological events.	I
Engineering	Industrial and Manufacturing Engineering	ESI	4326	Managing Supply Chains for Resilience	This course covers key concepts, models, and analytical tools of supply chain management, including facility location, supply chain network design, aggregate planning, inventory management, risk pooling strategies, product design strategies for supply chain management, distribution strategies, the bullwhip effect, and disruption management.	F
Education	Teacher Education	EVI	5327	Access to Learning Media for Students with Visual Impairments	This course prepares future teachers of students with visual impairments to provide instruction to students with visual impairments in the expanded core curriculum areas of assistive technology and compensatory access. Future teachers of students with visual impairments also learn to provide accommodations to allow student access to the core academic curriculum and work with the educational team to ensure access to the core and expanded core curricula.	I
Education	Teacher Education	EVI	5326	Accessible Materials and Environment for Students with Visual Impairments	This course provides students preparing to become teachers of students with visual impairments with the specialized skills necessary to facilitate access to classroom activities and materials for learners who have visual impairments. Specific emphasis is placed on the compensatory skills domain of the Expanded Core Curriculum for Blind and Visually Impaired Youths (ECC), and how to acquire, adapt, and create accessible materials and environments for learners who have visual impairments.	I
Education	Teacher Education	EVI	5374	Advanced Methods for learners with Visual Impairments and High Intensity Needs	This course is designed to prepare pre-service teachers of students with visual impairment to assess and design effective instruction for learners who have cognitive and multiple disabilities in addition to visual impairment.	I
Education	Teacher Education	EVI	5375	Braille Codes and Mathematics Instruction for Students with Visual Impairments	This course prepares future teachers of students with visual impairments to support the instruction of mathematics skills in students through the use of adapted materials, collaboration with instructional personnel, and inclusive strategies. Topics to be covered include the Nemeth Code, Unified English Braille (UEB) Math, accommodations to access to math materials, and the use of the Cranmer abacus.	I

Education	Teacher Education	EVI	4230	Educational Management of Students with Visual Impairments	This course provides participants with the knowledge and skills necessary to manage the successful integration of students with visual impairments into the general education environment. Legal, ethical, and safety issues related to the education of students with visual impairments are explored. In addition, students are assisted as they prepare for their student teaching experience.	
Education	Teacher Education	EVI	5371	Foundations of Teaching Students Who Have Visual Impairments	This course provides teachers who are certified in other subject areas with an introduction to the specialized skill set necessary when planning and/or delivering effective instruction to students with visual impairments in grades PK-12.	
Education	Teacher Education	EVI	5355	Issues of Blindness in Society	This course examines the many issues related to being blind in a society predicated on the presumption that people can use vision to manage societal demands. The losses unique to visual impairment are explored, and students are provided instructional strategies to assist individuals in living with visual impairment in a world designed for sighted people.	
Education	Teacher Education	EVI	4330	Methods for Learners with Visual Impairment and Additional Disabilities I	This course introduces pre-service teachers of students with visual impairment (TVIs) to working with learners who have multiple disabilities in addition to visual impairment, including deafblindness. Course participants learn causes and educational implications of concomitant visual and additional disabilities and principles of applied behavior analysis, which transformed education for this unique group of learners.	
Education	Teacher Education	EVI	4212	Nemeth Code and Supporting Math Instruction for Students with Visual Impairments	This course enables students preparing to be teachers of blind school-age children to support the instruction of mathematics skills. Topics include the foundation of the acquisition of mathematics skills, the Nemeth Code, adaptations of mathematics diagrams and structures, instruction in the abacus, and strategies for teaching mathematics skills to students with visual impairments.	
Education	Teacher Education	EVI	5205	Program Planning and Management of Students with Visual Impairments	This course provides participants with the knowledge and skills necessary to manage the successful integration of students with visual impairments in the general education environment.	
Education	Teacher Education	EVI	5374	Teaching Learners with Visual Impairment and High Intensity Needs	This course is designed to prepare pre-service teachers of students with visual impairment (TVIs) to design and implement effective instruction for learners who have severe cognitive and multiple disabilities in addition to visual impairment. Course participants learn to write educational goals aligned with assessment findings and design instruction to support student progress for learners with severe visual and additional disabilities. Course participants implement instruction and monitor student progress to demonstrate their capacity to effect student progress.	
Education	Teacher Education	EVI	5310	Teaching Students with High Intensity Needs and Visual Impairments	This course introduces students to the techniques and strategies necessary for meeting the needs of students with visual impairments who have additional disabling conditions. The course places emphasis upon working with both blind and low vision students who have cognitive impairments. Students develop skills in observation, assessment, learning, and instruction of these complex students.	

Arts and Sciences	Earth, Ocean, and Atmospheric Science	EVR	3464	Marine Megafauna Ecology and Conservation	This course covers the evolution, general anatomy and physiology, ecology and population biology, and distribution and movement of marine megafauna. Students will use real-world case studies and explore the interdisciplinary nature of marine conservation and how science and research, societal and cultural values, and law and policy each play a role in marine conservation and management.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	EVR	4450C	Wetlands: Patterns and Processes	This course focuses on the role of wetlands on the earth, especially in terms of nutrient, biogeochemical and water cycles, how to recognize wetlands, and their functions as habitats.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	EVR	5455C	Wetlands: Patterns and Processes	This course focuses on the role of wetlands on the earth, especially in terms of nutrient, biogeochemical and water cycles, how to recognize wetlands, and their functions as habitats.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	EVR	1001	INTRO ENV SCIENCE	This course is an introduction to environmental science that covers the basic functioning of the earth's environmental system and human effects on that system.	F
Health and Human Sciences	Human Development and Family Science	FAD	5620	Advanced Human and Lifespan Development	This course provides an overview of the major human developmental theories throughout the life course within the family, social, and cultural context and serves as a foundation for client assessment and case conceptualization. Individual and family development are viewed as mutually interactive processes affected by biology/genetics, gender, race, ethnicity, acculturation and religion. The development of the individual is traced chronologically and factors influencing development are explored concurrently from each theoretical orientation.	I
Health and Human Sciences	Human Development and Family Science	FAD	6266	Diversity Considerations for Family Research and Practice	This course examines human development and family processes within diverse contexts. Specifically, students focus on the impact of systems of oppression and privilege on developmental and family processes, discuss best practices for research and therapy, and critically review theory for inclusion of individuals and family from diverse groups.	I
Health and Human Sciences	Human Development and Family Science	FAD	6610	MFT Social Justice and Diversity	This course is an in-depth, advanced study of theory, research, and intervention best-practices for couples and families in the context of today's society, with an emphasis on cultural awareness to prepare students as researchers and clinicians to work effectively with diverse populations within the field of marriage and family therapy (MFT).	I
Motion Picture Arts	Interdisciplinary	FIL	3884	International Human Rights and Film	This course explores issues concerning international human rights using film as the key medium. Course lectures and weekly film viewings will examine how film directors have explored human rights themes through commercial Hollywood films, independent films, and documentary films.	I
Social Sciences and Public Policy	Geography	GEA	1000	WORLD GEOGRAPHY	This course is a regional survey of the human occupation of the face of the earth, local cultures, political systems, and development problems.	F
Social Sciences and Public Policy	Geography	GEO	1400	HUMAN GEOGRAPHY	This course is an introductory survey of geographic theories, issues and applications from the human perspective. The course discusses how people interact with each other politically, economically, culturally and socially across distances, scales and within various physical environments. In addition, global contrasts are examined using urban versus rural habitation, local versus transnational trade, and uneven economic development.	F
Social Sciences and Public Policy	Geography	GEO	1330	ENVIRONMENTAL SCIENCE	This course explores the causes of local and global environmental problems and their impacts, including resource use, pollution, ecosystems, and population growth.	F

Social Sciences and Public Policy	Geography	GEO	4300	BIOGEOGRAPHY	This course examines the spatial distributions of flora and fauna, ecosystem change, and human interventions such as logging, invasive species, and wilderness preservation.	F
Social Sciences and Public Policy	Geography	GEO	2200C	PHYSICAL GEOGRAPHY	This course is an overview of earth-sun relations, weather, climate, landforms, water systems, soils, and vegetation.	I
Social Sciences and Public Policy	Geography	GEO	4471	POLITICAL GEOGRAPHY	This course focuses on the spatial dimensions of political processes from the local to the global level, including elections and geopolitics of the world system.	I
Social Sciences and Public Policy	Geography	GEO	5545	ADV ECO GEOGRAPHY	This course is an in-depth examination of several themes in the analysis of economic landscapes, including input-output analysis, historical materialism, post-Fordism, services and telecommunications, and the global economy.	I
Social Sciences and Public Policy	Geography	GEO	5305	BIOGEOGRAPHY	This course examines the spatial distributions of flora and fauna, vegetation dynamics, ecosystem change and issues related to biodiversity, invasive species, wildfire policy and debates over wilderness.	F
Social Sciences and Public Policy	Geography	GEO	4404	BLACK GEOGRAPHIES	This course addresses the historical, political, and spatial contexts in which geographies of black populations emerge throughout the United States and beyond. The course seeks to investigate ways in which black communities throughout the African Diaspora are spatially marginalized, and the ways in which Black communities produce space. The course discusses race, racism, alongside conversations of spatial marginalization (e.g. segregation).	I
Social Sciences and Public Policy	Geography	GEO	5406	BLACK GEOGRAPHIES	This course builds on the historical, political, and spatial contexts in which geographies of black populations emerge and are perpetuated across the United States and elsewhere. The course reaffirms discourse in which Black communities throughout the African Diaspora are continually marginalized spatially, and the ways in which black communities themselves produce geographic space. It will provide a forum for discussion on race, racism, as well as spatial marginalization/ segregation.	I
Social Sciences and Public Policy	Geography	GEO	4251	CLIMATE CHANGE AND STORMS	This course explores the critical debate on global climatic fluctuations and extreme weather frequency in relation to human impact and interference. Particular focus is given to geographic variations and temporal validity.	F
Social Sciences and Public Policy	Geography	GEO	4421	CULTURAL GEOGRAPHY	This course studies the processes by which various cultural features have diffused throughout the world. Emphasis is on the contemporary cultural landscape.	I
Social Sciences and Public Policy	Geography	GEO	3502	ECONOMIC GEOGRAPHY	This course examines the geography of economic activity at local, national, and global scales: historical development of capitalism, regional development, spatial structure of agriculture, manufacturing and services, the global economy, third world poverty, and population growth.	I
Social Sciences and Public Policy	Geography	GEO	4357	ENV CONFLICT & ECON	This course examines controversies over the use, transformation, and destruction of nature, including political ecology.	F
Social Sciences and Public Policy	Geography	GEO	5358	ENV CONFLICT & ECON	This course examines controversies over the use, transformation, and destruction of nature, including political ecology.	F
Social Sciences and Public Policy	Geography	GEO	4114	ENV FIELD METHODS	This course focuses on the design and implementation of a field-based project employing field sampling, GIS, GPS, and exploratory statistical methods.	I

Social Sciences and Public Policy	Geography	GEO	4344	ENVIRON DISASTERS & APOCALYPSE	This course covers theoretical debates on climate change and the Anthropocene, linking them to cinematic and cultural tropes of disaster and apocalypse. Students explore how anthropogenic climate change is being shaped by the actions of humans who have solely contributed to the massive build-up of carbon dioxide in the atmosphere since industrialization; the increased amounts of radioactivity in the layers of earth and ice; and repercussions from over-population.	F
Social Sciences and Public Policy	Geography	GEO	4412	ENVIRONMENT AND GENDER	In this course, students look at how physical space (be it national boundaries or public parks) and the terrain of the symbolic realm are sometimes at odds. Included in this investigation is the examination of how ideas of gender, place and space affect individuals' experiences and how said experiences are created and limited by ideas of space at various geographical scales and contrasts between more and less economically developed nations.	I
Social Sciences and Public Policy	Geography	GEO	4392	GEOG. MARINE CONSERVATION	This course outlines the major conservation issues in coastal and marine systems worldwide, including the science, management and policy dimensions of marine conservation. The course explores critical conservation problems facing marine ecosystems; and at the same time explore their causes and threats from climate change, over-fishing, and other types of natural resource extraction and management failures. Students explore solutions, both science-based, and social science-based (particularly economics, management and policy implementation).	F
Social Sciences and Public Policy	Geography	GEO	5393	GEOG. MARINE CONSERVATION	This course develops the major conservation issues in coastal and marine systems worldwide, including the science, management and policy dimensions of marine conservation. The course explores critical conservation problems facing marine ecosystems; and at the same time evaluate their causes and threats from climate change, overfishing, and other types of natural resource extraction and management failures. The course discusses solutions, both science-based, and social science-based (particularly economics, management and policy implementation).	F
Social Sciences and Public Policy	Geography	GEO	4355	GEOGRAPHY: FOOD & ENVIRONMENT	This course explores food production, distribution and consumption by intensive global agro-food and local organic farm operations, and their impacts on environmental sustainability.	F
Social Sciences and Public Policy	Geography	GEO	5453	GLOBAL HEALTH	This course explores and evaluates public health problems and examines global health inequality.	I
Social Sciences and Public Policy	Geography	GEO	4503	GLOBALIZATION	This course explores the concepts and processes that define a world system of commodity production, labor costs, and cultural exchange.	I
Social Sciences and Public Policy	Geography	GEO	4210	LANDFORMS & LANDSCAPES	This course is on the spatial distribution of geomorphic landforms across landscapes: how they form, how they change over time, how they are designated, and their nomenclature. Emphasis is given to how humans interact with these landscapes and how these landscapes can impact human habitation.	I
Social Sciences and Public Policy	Geography	GEO	4376	LANDSCAPE ECOLOGY	This course offers a review of methods on analyzing geographic patterns of natural phenomena, including ecological conservation, natural resource management, landscape and urban planning, as well as human-environmental interactions and implications. Familiarity with software packages such as ArcGIS is assumed.	F

Social Sciences and Public Policy	Geography	GEO	5378	LANDSCAPE ECOLOGY	This course offers a review of methods on analyzing geographic patterns of natural phenomena, including ecological conservation, natural resource management, landscape and urban planning, as well as human-environmental interaction and implications. Familiarity with software packages such as ArcGIS is assumed.	F
Social Sciences and Public Policy	Geography	GEO	4340	LVNG IN HAZD ENVIRON	This course explores types of environmental hazards (natural and human-made) and their effects, techniques for the analysis of risks, and strategies for recovering losses.	F
Social Sciences and Public Policy	Geography	GEO	4450	MEDICAL GEOGRAPHY	This course applies geographical concepts and techniques to health-related problems, including the ecology of health, disease diffusion, medical cartography, and health care access.	I
Social Sciences and Public Policy	Geography	GEO	5451	MEDICAL GEOGRAPHY	This course reviews the literature and techniques for locating, accessing, and understanding public health evidence, as well as evaluating environmental hazards that pose risks to human health and safety and policy repercussions to public health provisions.	I
Social Sciences and Public Policy	Geography	GEO	5417	RACE AND PLACE	This course integrates various concepts and topics concerned with the spatial construction and effects of race and ethnicity, including identity, segregation, political and cultural landscapes, and environmental justice.	F
Social Sciences and Public Policy	Geography	GEO	4700	TRANSPORT GEOGRAPHY	This course offers a review of the literature and techniques for the spatial impacts of transportation systems, including functionality, and their role on society, the economy, energy, the environment, and sustainability.	F
Social Sciences and Public Policy	Geography	GEO	5704	TRANSPORT GEOGRAPHY	This course offers a review of the literature and techniques for the spatial impacts of transportation systems, including functionality, and their role on society, the economy, energy, the environment, and sustainability.	F
Social Sciences and Public Policy	Geography	GEO	4602	URBAN GEOGRAPHY	This course explores the historical growth of cities; spatial structure of commercial, industrial, and public facilities within cities; residential segregation; urban poverty and fiscal distress, and urbanization in the third world.	F
Social Sciences and Public Policy	Geography	GEO	4280	WATER RESOURCES	This course provides students with a comprehensive overview of the natural processes associated with water occurrence and resources. Focus is given to water's unique properties, how it occurs and moves through Earth's environment; how it impacts human habitation, and its future as a critical and valuable natural resource. Development of socio-economic concepts of management, supply, use, reclamation, and sustainability are also emphasized.	F
Arts and Sciences	Scientific Computing	GFD	5500L	Fire Dynamics Field School	This course provides a multidisciplinary, hands-on apprenticeship to the field methods most commonly used in prescribed fire. Students gain a greater appreciation of the complexity of weather and the atmospheric boundary layer and fire as a fluid system, and its dynamics through the active participation in prescribed fire field research and operations.	I

Social Sciences and Public Policy	Geography	GIS	5318	CLIMATE CHANGE ECOSYSTEMS	This course uses geographic information systems (GIS) to handle and map evidence for shifts in ecosystem responses to climate change. The course taps into the debate on climate change with well-documented evidence to support the acceleration of global climatic alterations. The course demonstrates evidence such as consistent patterns of ecological responses—including directional shifts in phenology and species distributions—have important consequences for population dynamics, species coexistence, and widespread impacts on human and natural systems.	F
Social Sciences and Public Policy	Geography	GIS	4330	FLORIDA GIS APPLICATIONS	This course is an evaluation of the breadth of environmental and social applications of geographic information systems specific to the State of Florida.	I
Social Sciences and Public Policy	Geography	GIS	4421	GIS & HEALTH	In this course, students use a suite of computer-based tools called geographic information systems to apply geographic theory to public health questions, such as where diseases are located, how places affect our well-being, and what geographic tools can be used to understand global health epidemics. The course is held in a GIS computer lab, where data on health is analyzed and applications in health and medicine are discussed as ongoing challenges in data collection related to issues of surveillance and privacy.	I
Social Sciences and Public Policy	Geography	GIS	5305	GIS ENVIRONMENTAL	In this course, technical topics covered include space-time variability in environmental data, environmental data acquisition and integration, interpolating environmental data, error and uncertainty, environmental decision support systems, environmental modeling techniques, and the integration of geospatial technologies with environmental modeling systems. Applications include hydrological modeling, terrain modeling and landform analysis, landscape pattern analysis, land suitability analysis, soil erosion modeling and wildfire modeling.	F
Social Sciences and Public Policy	Geography	GIS	5400	GIS SOCIAL SCIENCES	In this course practical examples from the fields of health, economic geography and real estate, housing, transportation, criminology and others are used to illustrate how spatial analysis techniques are used to address problems in a GIS environment. Special consideration is given to the data needs of such operations, the implementation of methods in a GIS environment, and understanding the spatial assumptions and issues that underpin analyses.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	1030	ENVIR ISSUES IN GLY	This course examines environmental issues as they relate to geological phenomena, which include volcanic and earthquake hazards, resource and land-use planning, air and water pollution, waste disposal, glaciation and sea-level change, landslides, flooding, shoreline erosion, and global change issues. Course credit may not be received for this course and also GLY 1000 or 2010C. Credit can be received for taking GLY 1000L.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	5575	COASTAL GEOLOGY	In this course, topics include sedimentologic processes operating along modern coasts, erosion and deposition, shoreline evolution, effects of sea-level and climate change on shorelines, coastal morphodynamics, responses to critical erosion, and sediment transport.	F

Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	3039	ENERGY	This course examines the origin of our energy and mineral resources (e.g., fossil fuels, uranium, hydrogen), their global supply, and the environmental impacts of extracting and utilizing these resources. Emphasis is placed on the chemical nature of the resources and the impact on the chemical composition of the ocean/atmosphere and the global heat budget. Field trips, in-class demonstrations, and homework exercises provide firsthand experience.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	5885	GEO HAZARDS ASSESMNT	This course is designed as an overview for understanding the geologic perspective in assessing environmental hazards. Topics covered include: beach processes and erosional effects of severe storms, evaluation of flood-prone and wetland areas, evolution of sink holes, landfill sitings and remediation, mine reclamation problems, contaminant transport and contamination plumes, nuclear waste disposal, slope stability issues, etc.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	4721	HYDROGEOLOGY AND FIELD METHODS	This course introduces the fundamental principles of groundwater flow and solute transport in aquifers and the interactions between groundwater and the environment. The course also introduces field methods essential for studying groundwater in field conditions.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	5828	HYDROGEOLOGY AND FIELD METHODS	This course introduces the fundamental principles of groundwater flow and solute transport in aquifers and the interactions between groundwater and the environment. The course also introduces field methods essential for studying groundwater in field conditions.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	GLY	5267	STABLE ISOTOPE TRCRS	This course is an introduction to the basic principles of stable isotope geochemistry. The application of stable isotopes to geochemical, hydrological, and ecological problems. In this course, students take the first steps toward understanding the physiological process of wine tasting.	I
Hospitality	Hospitality	HFT	2876	Italian Wine and Culture	Students begin to gain familiarity with wine regions of Italy, various types of grape varietals, and the process of wine production. Students participate in hands-on experiences in a vineyard and winery.	I
Hospitality	Hospitality	HFT	2704	A Survey of Eco-Tourism	This course develops the skills needed for analyzing issues pertaining to the development and participation in eco-tourism. Special emphasis will be placed on the particular conditions in Costa Rica and how they are similar and dissimilar from conditions in the United States from both an environmental and social perspective.	I
Hospitality	Hospitality	HFT	2061	Ales, Lagers and International Culture	This course is an introduction to ales and lagers of the world with a focus upon their importance to global cultures found in many regions. Students learn about these regional beers and the interrelation with their culture, including food, heritage, and festivals.	F
Hospitality	Hospitality	HFT	2060	Coffee, Tea and International Culture	This course is an introduction to coffees and teas of the world with a focus upon their importance to global cultures found in many regions. Students learn about these beverages and their unique interrelationship with their regional culture, heritage, and environment. Each beverage focuses upon specific regions of the world.	F
Hospitality	Hospitality	HFT	2890	International Food and Culture	The course is designed to explore the world's cuisines with a focus on the history of culinary arts, indigenous ingredients, customs, protocol, celebrations, religions, and various cooking methods and terminology.	I

Hospitality	Hospitality	HFT	2062	International Wine and Culture	This course provides an introduction to wines of the world with a focus upon the importance to global cultures. Students learn about these regional wines and the interrelationship with their cultures and heritage.	F
Hospitality	Hospitality	HFT	2895	Italian Food and Culture	In this course, students learn about local Italian foods, how to prepare them, and the food culture of Italy. Students spend one day a week at an agritourism farm, engaging in the activities of the farm, including olive oil production, prosciutto and sausage making, truffle hunting, pasta making, and more. This course provides students with a rich experience and a deep understanding of Italian food culture.	I
Hospitality	Hospitality	HFT	2801	Tequila, Agave Spirits, and Culture	This course is an introduction to tequila and agave spirits with a focus upon their importance in the Mesoamerican cultures. Students learn about tequila and agave spirits and their unique interrelationship with their regional culture, heritage, and environment.	F
Hospitality	Hospitality	HFT	3891	Global Food Controversy	In this course, students consider factual bases and differentiate them from misinformation and emotion regarding food issues. This course sheds light on the complexity of these issues and clearly highlights the scientific, cultural, political, geographical, and historical context of each issue. This course covers management methods and concepts utilized in the administration of food and beverage functions. This course equips students with the skills needed to evaluate controversial food issues as objectively as possible, leaving emotion and impulse out of the equation.	I
Hospitality	Hospitality	HFT	4104	GLOBAL IMPACTS AND SUS	This course is designed to provide the student with an in-depth understanding and appreciation for sustainable business practices within the private club and golf resort industry. Focus is placed on how existing companies operate within the sustainability model. Students are expected to generate discussions and ideas on how the industry will impact local, regional, and global communities in the future. Case studies are utilized to provide students with real world examples of current practices.	F
Hospitality	Hospitality	HFT	2716	INTL TRAVEL & CULTUR	This course introduces students to contemporary tourism through a geographical and multicultural perspective of worldwide travel. The course emphasizes the most popular travel destinations and provides information about the physical and cultural characteristics of major cities, states, and countries. The course offers basic facts about travel destinations, the environment, and the people of many regions around the world, and it presents the nature of cultural diversity reflecting both Western and non-Western cultures with special emphasis on ethnic background, race, religion, values, tradition, language, material goods, and inter-relationships among local cultures.	I
Hospitality	Hospitality	HFT	4253	LODGING MANAGEMENT	This course examines the management of the rooms departments, food & beverage departments, other profit centers and staff functions; hotel sustainability, and hospitality ethics.	I
Hospitality	Hospitality	HFT	3700	TOURISM AND ENVIRONM	This course focuses on tourism management, organization, and development. Emphasis on economic and environmental issues confronting the industry such as balancing use and preservation. Open to nonmajors.	F

Arts and Sciences	History	HIS	2496	Pandemics and People	This course examines a range of pandemics and how societies and governments have responded to them. Student use the tools of a historian: investigate the past through the collection of multiple primary sources and construct a reasonable analysis based on their investigation.	I
Arts and Sciences	History	HIS	4086	PRESERVING HISTORIC SITES AND SPACES	This course focuses on the identification, preservation, and maintenance of historic sites; the historic preservation movement. The course does not count as credit toward the history major.	I
Arts and Sciences	History	HIS	5083	PRESERVING HISTORIC SITES AND SPACES	This course focuses on the identification, preservation, and maintenance of historic sites; the historic preservation movement.	I
Arts and Sciences	History	HIS	6934	SPECIAL TOPICS IN HISTORY: ENVIRONMENTAL HISTORY IN EAST ASIA, 19TH CENTURY TO THE PRESENT	Graduate level course offered every 2-3 years.	I
Health and Human Sciences	Nutrition and Integrative Physiology	HUN	2125	FOOD AND SOCIETY	This course examines the impact of society on human food ways, role of food and nutrition in national development and global politics. For nonmajors.	I
		IDH	3140	Freedom and Religion: Muslim and Liberal Perspectives	This course addresses issues such as free speech, sexual mores and identity, and compulsory military service. The course examines the ways that Muslims and liberals negotiate the notions of freedom and religion.	I
		IDH	3109	Sustainability in Public Discourse	This course focuses on sustainability in public discourse, with particular attention to three different spheres: scientific and technical writing, environmental rhetoric, and public policy. Students develop expertise in analyzing public genres for hidden and explicit sociocultural agendas, in order to construct effective arguments for various public audiences.	F
Interdisciplinary	Interdisciplinary	IDH	3113	America Abroad	This course examines the history of U.S. presence abroad by analyzing cultural texts produced by and/or for a U.S. audience. Engaging feminist, queer, and ethnic studies insights into transnational power relations, students consider how race, gender, class, and sexuality dynamics inform how U.S. presence abroad has been represented in different time periods.	F
Interdisciplinary	Interdisciplinary	IDH	3404	Environmental Justice	This course engages with the history, core concepts, and effects of the environmental justice movement, examining how race and class interact to produce and sustain environmental inequities. It highlights the need to address the disproportionate burdening of historically marginalized communities with environmental harms.	F
Interdisciplinary	Interdisciplinary	IDH	2140	Freedom and Religion: Liberal, Christian, and Muslim Perspectives	This course examines the ways that religious norms and practices across the globe sometimes come into conflict with the norms of liberal democracy, by addressing issues such as free speech, sexual mores and identity, and compulsory military service.	I
Interdisciplinary	Interdisciplinary	IDH	3407	Global Urbanization: Urban Diversity and Culture in the Age of Globalization	In this course, students focus on the great urban diversity (e.g., language, citizenship, religion, ethnicity/race, class and socioeconomic status, gender, and sexuality). Through class materials and assignments, students acquire a solid perspective on how urban diversity is transformed into inequalities and exclusion in the cities.	F

Interdisciplinary	Interdisciplinary	IDH	2611	Race and Religion in America Today: The Legacies of the Civil Rights and Black Power Movements	This course explores the ways that appeals to religious concepts and identities have influenced racial relations and politics in America, with a focus on the legacies of the Civil Rights and Black Power movements.	I
Interdisciplinary	Interdisciplinary	IDH	3611	Race and Religion in America Today: The Legacies of the Civil Rights and Black Power Movements	This course explores the ways that appeals to religious concepts and identities have influenced racial relations and politics in America, with a focus on the legacies of the Civil Rights and Black Power movements.	I
Interdisciplinary	Interdisciplinary	IDH	3108	Radical Visions of Freedom	This course explores how U.S. intellectuals, artists, and activists have responded to the devaluation of marginalized lives by creating radical visions of freedom that call into question the foundations of our social, economic, and legal institutions.	F
Interdisciplinary	Interdisciplinary	IDH	2602	Us and Them: Navigating Disagreements in a Polarized Society	Contemporary society is deeply polarized along political, cultural, regional, religious, racial, and socioeconomic lines. In this course, students learn about the roots of those divisions and practice developing strategies to navigate our divided society.	F
Interdisciplinary	Interdisciplinary	IDH	2403	DOMESTIC, FACTORY, AND SEX WORK: FEMINIST PERSPECTIVES ON GLOBALIZATION	By focusing on the roles that domestic workers, factory workers, and sex workers play within the global economy, this course engages feminist debates about the ethics of globalization, the challenges of transnational activism, and the potential complicities of U.S. citizens in maintaining global structures of inequality.	I
Interdisciplinary	Interdisciplinary	IDH	2108	Radical Visions of Freedom	This course explores how U.S. intellectuals, artists, and activists have responded to the devaluation of marginalized lives by creating radical visions of freedom that call into question the foundations of our social, economic, and legal institutions.	F
Interdisciplinary	Interdisciplinary	IDH	2117	SOCIAL (IN)EQUALITIES	This course explores the structures and institutions of social inequality along the intersectional axes of class, race, and gender/sexuality by focusing on how these categories are socially constructed, maintained, and experienced.	I
Interdisciplinary	Interdisciplinary	IDH	2402	Youth Subcultures	This course considers the role of youth subculture in challenging and reproducing structures of inequality. Students examine how youth subcultures are embedded within their particular sociohistorical context, indexing not only intergenerational differences but also changing race, gender, sexuality, and class relations.	F
		IDS	2332r	SEXUAL HEALTH AND THE MODERN WORLD	This course analyzes and synthesizes information centering on a number of current sexual and reproductive health issues. Course materials include the interdisciplinary theorizing of feminists, medical social scientists, anthropologists, demographers, and public health scholars.	F
		IDS	3198	Terrorism in Historical Perspective	This course examines the history of terrorism as both an idea and a political strategy, with particular focus on the nineteenth and twentieth centuries. It emphasizes the need for understanding terrorism and related forms of political violence within a systemic framework that takes into account the roles of anti-terrorist policies, police activities, and political debate in shaping not only the public perception of terrorism but also the self-perception of those who would adopt it as a tactic.	I

		IDS	2194	The Immigrant Experience in Contemporary America	This course explores essential questions of the immigrant experience in contemporary American literature. Students engage a variety of texts, including novels, films, memoirs, essays and historical/documentary materials.	I
Interdisciplinary	Interdisciplinary	IDS	2436	Contemporary Behavioral and Substance Addictions	This course is designed to provide students with a general knowledge of behavioral and substance addictions from historical, psychological, biological, sociological, and legal perspectives. This course consists of individual written assignments, portfolio, group written projects, student presentations, exams, and lectures by the professor.	I
Interdisciplinary	Interdisciplinary	IDS	2375	Third World Cinema	This course works from films that engage the third world to address how colonialism and postcolonialism are shaped and mediated through images and the gaze. The dynamics of colonial history motivate and shape colonial and postcolonial perceptions and influence their patterns of global circulation when the boundary between the world out there and the nation at home is increasingly blurred. This course also seeks to think about what kinds of responsibility we have for our involvement in politics elsewhere.	I
Interdisciplinary	Interdisciplinary	IDS	2678	Apocalypse: The End of the World in the Arts	This course studies how the end of the world is represented in the arts from the Early Christian and medieval periods to the present. Students analyze book and manuscript illustrations, films, paintings, plays, religious texts, and visionary poems to determine why and how people think the world will end and how they express those expectations in powerful works of art.	I
Interdisciplinary	Interdisciplinary	IDS	3169	ART AND THE ENVIRONMENT	This course provides an introduction into the theories and creative processes that propel environmental art and design. Students explore a wide range of creative media, methods, and themes used by visual artists and designers that address the environment. By analyzing, discussing and writing about environmental art and design, students develop an enhanced awareness of the complexities faced globally and gather perspectives on the ways artists attempt to affect change.	F
Interdisciplinary	Interdisciplinary	IDS	3342	BOOMERS AND MILLENNIALS: CHANGING GENERATIONS	In this course, students are guided through original empirical research to appreciate the sources of changes across contrasting generations, and to follow up the impact of generational change for a wide range of social, economic and political dimensions of everyday life. Research projects compare different generations at equivalent points in the life cycle.	I
Interdisciplinary	Interdisciplinary	IDS	2490	COM AND SOCIAL RESPONSIBILITY	This course is for students living in the social justice living learning community. It acquaints students with the principles of communication and the role it plays in social justice movements.	I
Interdisciplinary	Interdisciplinary	IDS	3493	Empowering Health Consumers in the eHealth Era	This course explores the use of emerging technologies for health information seeking, health promotion and disease prevention, and for supporting the treatment and management of chronic illnesses. Students learn how to assess users' information needs, competencies, and health behaviors in order to develop accessible, useful, and effective solutions. They also study issues and concerns influencing adoption of these technologies at different levels.	F

Interdisciplinary	Interdisciplinary	IDS	2473	FIELD METHODS	This course addresses scientific research design and field data collection, drawing on principles in biogeography and ecology. Students focus on sampling design and survey methods for plants on three scales: populations, communities, and ecosystems. Students also gain insight into field-based inquiry and techniques to monitor and assess plant populations, communities, and ecosystems.	I
Interdisciplinary	Interdisciplinary	IDS	2323	Gendered Bodies Over the Life Course	This course examines how gender – as it is embedded in individual, interactional, and institutional dimensions of society – gets woven into experiences of our bodies over the entire life course.	I
Interdisciplinary	Interdisciplinary	IDS	2274	Green Chemistry in a Changing World	In this course, the students learn about new alternative solutions to phase out non-sustainable chemical items and discover how to develop new strategies for planning innovative entrepreneurial green business opportunities based on the commercialization of ecofriendly chemical products and services.	F
Interdisciplinary	Interdisciplinary	IDS	2144	Information Ethics for the 21st Century	This course identifies past, present and future information ethics challenges and encourages students to develop their own standpoints from which to address them. The primary purpose of this course is to provide students with the knowledge, skills and attitudes required to make informed ethical decisions about information production, management and use. Students explore and apply a wide range of ethical theories to examine critical information ethics issues raised by recent advances in information and communication technology.	F
Interdisciplinary	Interdisciplinary	IDS	2141	Innovation and Emerging Technologies	This course provides students with the opportunity to work hands-on with emerging technologies in an innovative setting that encourages critical thinking, interdisciplinary perspectives, and lifelong learning skills. The course introduces students to tools and techniques used to design, develop, and evaluate innovative technologies, guides students through the development of their own technological innovations, and offers students an historic perspective on technological innovation through a wide variety of emerging technologies.	F
Interdisciplinary	Interdisciplinary	IDS	2291	Language Birth, Language Death	This course explores how languages are born, the ways and reasons why they change, and the limits of language learning and teaching. The course also examines the factors leading to language loss and language death, the reasons why we, as global citizens, should care, and how language specialists and activists attempt to bring dying languages back to life.	I
Interdisciplinary	Interdisciplinary	IDS	3164	MEDIA, CULTR & ENVIRONMENT	This course examines the role of language and representation in our understanding of the natural world. The course examines news media coverage of environmental issues, environmental images in popular culture as well as the communication strategies of environmental organizations.	F
Interdisciplinary	Interdisciplinary	IDS	3433	MODERN DEATH AND DYING	Death and dying are fundamental to discussions about social positions and processes, and they reflect who we are and inform how we function as a society. This course is an introduction to studying the social and ethical dimensions of death in the modern world. In each class, we will address historical context, medical and technological trends, and contemporary debates regarding specific themes and topics related to death.	I
Interdisciplinary	Interdisciplinary	IDS	2679	Need and Greed (Is Money the Root of All Evil?)	This course examines the ethics of money, wealth, and poverty from the perspective of religious communities.	F

Interdisciplinary	Interdisciplinary	IDS	3137	POLITICS OF REPRODUCTION	This course is an introduction to studying the social and political dimensions of human reproduction. In each class, students address historical context, sociopolitical trends, and contemporary debates regarding specific themes and topics related to reproductive politics. Course material and discussions draw from varied perspectives and interdisciplinary resources, including sociology, demography, anthropology, history, medicine, and public health.	I
Interdisciplinary	Interdisciplinary	IDS	3430	SOCIOLOGY OF HIP HOP CULTURE	This course challenges students to examine themes and messages expressed within the subculture of Hip Hop through the application of major sociological perspectives and theories. The course also examines the reciprocal relationship between Hip Hop culture and the broader American society, through engagement with scholarly literature, examination of empirical evidence and execution of student research projects.	I
Interdisciplinary	Interdisciplinary	IDS	3495	SPORT: CONSCIENCE COMMERCE	The course will use philosophical perspectives to critically analyze segments of the sport industry through ethical and socially responsible lenses. The course focuses on the decision-making process across sport sectors and positions. This course provides an overview of the issues involved in food and water security on a planet where a billion people are malnourished, while at the same time another billion are overweight. The course examines the science and sustainability of food production, water quality, and soil development.	I
Interdisciplinary	Interdisciplinary	IDS	2240	SUSTAINABLE FOOD & WATER	This course provides students with the opportunity to observe and inquire about sustainable practices through field studies at local organic farm, hydro-power station, new urbanism community, and recycling facilities, etc., as well as through interactions with community-based programs. Students will engage in critical thinking about the sustainability of human society and the environment from various aspects, which include producers, consumers, public-service sectors, and policy makers.	F
Interdisciplinary	Interdisciplinary	IDS	2227	SUSTAINABLE SOCIETY	This course explores the basic ecology of agriculture and fisheries and consider how conventional and alternative food-production practices generate and solve ecological problems. The course focuses on several major current issues (e.g. genetically modified organisms, pollinator declines, organic agriculture, and fisheries), and for each students learn the science behind the issue and the social forces shaping the problem. Students also learn through discussions of scientific and popular writings, lectures, hands-on and written projects, oral presentations, local speakers and field trips.	F
Interdisciplinary	Interdisciplinary	IDS	2470	THE ECOLOGY OF FOOD	This course explores entrepreneurship from antiquity to contemporary society. In particular, the course examines how contemporary entrepreneurship is undergoing a fundamental shift towards a powerful new kind of consumer called the "prosumer." Additionally this course seeks to explore how innovation and lean concepts are leading to successful commerce and how that commerce impacts culture and daily lives.	F
Interdisciplinary	Interdisciplinary	IDS	2128	The Lean Machine: The 21st Century Entrepreneur		F

Interdisciplinary	Interdisciplinary	IDS	2165	WRITING FOR GREEN EVERYWHERE	This course examines the intersections between communication, business, intercultural business, sustainability, social responsibility, ethics, and professional leadership. One facet of the course explores the communication issues and challenges that managers of businesses and other organizations face. Additionally, the course discusses sustainability issues through the lens of Permaculture and Transition Town philosophies, tackling topics such as "peak oil," permaculture design, local and alternative currencies, and the "triple bottom line" ideal; these topics are also examined via a global perspective.	F
Medicine	Interdisciplinary	IHS	4120	FRONTIERS IN MEDICINE	This course aims to provide advanced undergraduate students the opportunity to gain an understanding of common human disease conditions through a highly interactive set of learning activities. We recommend that students have taken physiology, genetics and biochemistry. Examples of topics covered include heart failure, cancer, diabetes, depression and Alzheimer's disease.	I
Medicine	Interdisciplinary	IHS	4210	FUTURE HEALTHCARE CHALLENGES	In this course students will explore a set of challenges that will alter the environment they will step into as future healthcare providers. These challenges include a rapidly aging society, the impact of big data, global warming, changes in health care delivery systems, and the ethical implications of new technologies—to name just a few. Discussions generated from selected readings are intended to assist students form their own rational approach to the analysis of complex societal issues affecting their chosen profession.	F
Medicine	Interdisciplinary	IHS	4123	NARRATIVE MEDICINE: PATIENT-CENTERED CARE AND THE INDIVIDUAL STORY	In this course, students learn the tenets of narrative medicine and explore the role of narrative in improving clinician understanding of the individual patient's unique experience. To build narrative skill, students analyze and interpret various illness experiences as depicted in select stories, poems, and non-fiction medical narratives. Students also expand their understanding of narrative medicine and what it means to practice patient-centered care through various analytical and reflective writing assignments.	I
Medicine	Interdisciplinary	IHS	3931	PROBLEMS AND ISSUES IN HEALTHCARE	In this course, students build upon experiential learning opportunities and further their understanding of key issues facing healthcare, patients, providers, institutions, and communities by examining and reading scholarly works. Assignments and activities help students to identify and generate content (through research or hands-on experiences that emphasize a breadth or depth of knowledge in the field) to serve as the foundation for future research on a problem or issue in healthcare.	I
Fine Arts	Interior Architecture and Design	IND	2219	DESIGN & THE HUMAN EXPERIENC	This course focuses on the impact of design on the human experience. It is a gateway experience in which students will explore the nature of design, creativity, and problem-solving. The course will introduce some of the major theories from the design disciplines of interiors, architecture, landscape architecture, and products design, and provide students with an awareness, understanding, and enthusiasm for design and its impact on our lives.	I
Fine Arts	Interior Architecture and Design	IND	5479	CONSTRUCTION SYSTEMS	This lecture course focuses on general construction techniques, terminology and sustainability. Integration of the building systems of structure, plumbing, mechanical and fire safety is emphasized.	I

Fine Arts	Interior Architecture and Design	IND	3431	LIGHTING FUNDAMENTALS	This course explores the advanced technical aspects of interior design with emphasis on lighting, electrical plans, reflected ceiling plans, measurements, and acoustics. References sustainability principles in projects and content.	I
Fine Arts	Interior Architecture and Design	IND	3480	MATERIALS AND METHODS	References sustainability principles in projects and content.	I
Fine Arts	Interior Architecture and Design	IND	4243C	STUDIO IV	This course is an advanced application of the design process with emphasis on individual professional objectives and procedures for portfolio presentation. References sustainability principles in projects and content.	I
Fine Arts	Interior Architecture and Design	IND	3627	SUSTAINABLE DESIGN	This course gives students a basic introduction to the fundamentals of sustainable design in order to better understand the inter-relationships between the built environment and nature.	F
Fine Arts	Interior Architecture and Design	IND	5628	SUSTAINABLE DESIGN	This course gives students a basic introduction to the fundamentals of sustainable design in order to better understand the interrelationships between the built environment and nature.	F
Social Sciences and Public Policy	International Affairs	INR	4011	POLIT GLOBALIZATION	This course examines economic globalization: what it is, who is harmed and helped by it, how countries and citizens respond to it, and what the future might hold. The course focuses heavily on economic issues but assumes no background in the subject.	F
Social Sciences and Public Policy	International Affairs	INR	2002	Introduction to International Relations	This course introduces students to the study of international relations. Major topics include the different actors that participate in international relations and the different goals they pursue, the processes of conflict and cooperation, and recent trends in international politics.	F
Social Sciences and Public Policy	International Affairs	INS	2912	GLOBAL CITIZENSHIP	This course is the final required class for the Global Citizenship Certificate. The course increases students' global competencies by utilizing theories and concepts learned during the Global Perspectives course and applies those to higher-level critical thinking and research. The course explore topics relevant to today's global society such as extreme poverty and inequality, international trade, political cooperation, climate change, race, and ethnicity and gender.	F
Arts and Sciences	Interdisciplinary	ISC	3402	Historical, Social, and Critical Perspectives of Disciplinary Engagement in STEM	This course features philosophical, historical, and critical perspectives on STEM disciplines through pursuing answers to the following questions: How have the big ideas in STEM disciplines developed? What counts as productive engagement in STEM? How is participation in STEM encouraged/discouraged through in schooling and society? What instructional models broaden participation of students, particularly those traditionally marginalized in STEM?	F
Interdisciplinary	Interdisciplinary	ISS	2937	ENVIRONMENTAL JUSTICE	HONORS - This course engages with the history, core concepts, and effects of the environmental justice movement, examining how race and class interact to produce and sustain environmental inequities. Foundationally, it approaches environmental issues from a lens attentive to issues of social justice. Course materials highlight the need to address thorny environmental issues and their long-term consequences including the disproportionate burdening of historically marginalized communities with debilitation, displacement, and death.	F

Interdisciplinary	Interdisciplinary	ISS	3241	FOUNDATIONS OF SOC ENT & INNOV	This course provides a comprehensive overview of the emerging field of social entrepreneurship and innovation, examining how it promotes innovative, impactful, and sustainable solutions to social and environmental problems at the local, national, and international levels. The course looks at how the field is defined and expressed in three essential contexts: innovation and impact across the public, private, and citizen sectors; social enterprise within the context of nonprofit, for-profit, and hybrid organizations; and social transformation throughout an entire system.	F
Interdisciplinary	Interdisciplinary	ISS	4308	Human-Centered Design for Social Innovation	This course provides an experience-based introduction to the human-centered design process applied to social innovation & impact. In partnership with a local organization, teams of students collaborate with organizational/community stakeholders to frame a design challenge for the semester; study the problem through primary and secondary research; identify and consider existing approaches/solutions; and ideate innovative approaches, prototype and test/validate those potential solutions, and iterate. The teams conclude the semester by presenting the most promising ideas to the organization.	F
Interdisciplinary	Interdisciplinary	ISS	4312	LEADING SOC ENTERPRISE & INNOV	This course provides a framework for students to apply Social Innovation & Entrepreneurship theory and methods toward a social/environmental problem they're interested in. Through the course, students: work to better understand the problem, stakeholder perspectives, and the effective and ineffective ways the problem is currently being addressed; frame a design challenge, identify existing innovative models that can inspire their own, ideate potential approaches to the problem, and develop a sustainable and scalable social impact model that systemically addresses the problem (or an aspect of it); prototype the model; create and present a plan for its implementation via a hybrid social enterprise.	F
Interdisciplinary	Interdisciplinary	ISS	4159	Perspectives on Race, Ethnicity, and Inequality	This course provides multidisciplinary perspectives of race and racism in the United States. The course delves deeper into major forms of systemic racism: economic inequality, political representation, mass incarceration, and media depictions. Exploration of race and racism includes discussions of Blacks, Whites, Latinx, Asians, Native Americans, Middle Easterners, and multiracials.	F
Interdisciplinary	Interdisciplinary	ISS	2937	YOUTH SUBCULTURES	What is the role of youth subculture in challenging and reproducing structures of inequality? We will address this question by examining how youth subcultures are embedded within their particular sociohistorical contexts, indexing not only intergenerational difference but also changing race, gender, sexuality, and class relations.	I
Arts and Sciences	Modern Languages and Linguistics	JPT	3512	CONTEMPORARY JAPANESE CULTURE	This course investigates contemporary developments in Japanese culture, focusing on features both that are particular to Japan and that tie Japan to global culture. Students explore the connections between various forms of cultural production and social interaction and other social, political, and economic institutions in Japan, as well as the relationship between new technologies and markets and the global exchange of cultural forms and social ideas. May be repeated to a maximum of nine semester hours.	I

		LAW	7511	First Amendment	This course is a study of First Amendment principles and their application in modern areas of communications practice. The course develops theory, explores policy considerations, and exposes students to parties that have participated in several significant media law cases. May be repeated to a maximum of five semester hours.	I
Law	Law	LAW	7722	Bioethics and the Law	This course is an advanced study of law and values in health care and the biomedical sciences.	F
Law	Law	LAW	6878	Economic Sanctions	This course examines the economic sanctions laws administered by the U.S. Treasury Department's Office of Foreign Assets Control (OFAC). This course explores OFAC requirements for financial institutions' compliance programs, including risk assessment to identify high-risk areas and development of appropriate internal controls for screening and reporting. This course also considers OFAC examination of financial institutions' compliance programs, as well as OFAC enforcement actions.	I
Law	Law	LAW	6594	E-Health and Telemedicine	This course is a study of legal issues affecting e-health and telemedicine. Topics covered include electronic health records, Health Insurance Portability and Accountability (HIPAA) and other privacy issues; live video and store-and-forward techniques; remote patient monitoring, mobile health, and healthcare robots; reimbursement issues under public and private insurance schemes; licensure, credentialing, and privileging; and fraud and abuse.	F
Law	Law	LAW	7549	Employment Discrimination	This course is a study of study of the various statutes and executive orders governing the employment relationship relating to discrimination on the basis of sex, race, age, religion, color, national origin, and sexual preference. This course provides an analysis of major issues in the law of employment discrimination. The course introduces students to various statutes and executive orders governing employment discrimination on the basis of sex, race, age, religion, color, national origin, and sexual preference. The course places emphasis on the policy implications derived from case analysis.	F
Law	Law	LAW	6873	Employment Discrimination Law	This course addresses vulnerable patient populations with mental, physical, and/or age-related disabilities, focusing especially on responses of the legal system to the relationship of those patients to the health care and broader service systems.	F
Law	Law	LAW	6516	Health Care Disability Law: Mental, Physical, & Age-Related	This course provides a study of legal issues related to workplace safety and workplace wellness initiatives. Topics covered include the Occupational Safety and Health Act of 1970; OSHA standards, inspections, and enforcement actions; recordkeeping requirements; whistleblower/anti-retaliation protections; health and wellness initiatives; internal safety and risk management and planning guidelines.	I
Law	Law	LAW	6542	Workplace Safety and Wellness	This course focuses on selected federal statutes enacted to remedy violations of federal constitutional rights. The principal Reconstruction Era Statutes, 42 U.S.C. Sections 1981, 1982, and 1983, are examined in depth.	F
Law	Law	LAW	7510	Civil Rights	This course is an advanced study of property law, water and natural resources law, and constitutional law from the perspective of the special needs of the coasts and oceans.	I
Law	Law	LAW	7475	COASTAL & OCEAN LAW		F

Law	Law	LAW	6867	Consumer Compliance: Lending	This course covers consumer compliance issues faced by banks and other Financial Intermediaries. The course covers credit-related statutes and regulations, with special emphasis given to consumer protection, fair lending, fair housing, and community reinvestment laws. The course examines various other relevant legal regimes, including common law fraud, state unfair and deceptive acts and practices law, and Consumer Financial Protection Bureau regulations.	F
Law	Law	LAW	6998	Consumer Protection Law	This course is an introduction to and survey of statutes and common-law doctrines protecting consumers in the American marketplace. Course topics include fraud, deceptive practices, predatory lending, equal access to credit, fair and accurate credit reporting, Truth-in-Lending law, fair debt collection, and enforcement of consumer rights.	F
Law	Law	LAW	7481	ENERGY LAW & POLICY	This course is an advanced study of current energy law and policy, including the extraction, conversion, and distribution of energy resources.	F
Law	Law	LAW	6470	ENVIRONMENTAL LAW	This course is a survey of environmental rights, remedies, and policy, with emphasis on the common law, background, the administrative overlay, and federal legislation, including NEPA, Clean Air Act, Water Pollution Control Act, Noise Control Act, and Toxic Substances Control Act.	F
Law	Law	LAW	6720	Health Law and Policy	This course is a study of numerous topics including national health care programs, health care financing, reimbursement, licensing and accreditation, hospital organization, physician and patient autonomy, antitrust law, quality of care and medical malpractice, and ethical issues related to availability of health care and services.	F
Law	Law	LAW	7264	Immigration Law	This course is a study of immigration law and national policy.	I
Law	Law	LAW	7262	INTERNATIONAL TRADE	This course is an advanced study of the law and policy of international trade and economic integration, with an emphasis on regional economic integration in the Americas.	I
Law	Law	LAW	6460	LAND USE REGULATION	This course is a study of land use and regulation, including zoning, public acquisition, various innovative land use controls, subdivision controls, growth management, wetlands and shorelands controls, and a discussion of the relationship between energy and land use.	F
Law	Law	LAW	6555	LAW & ECONOMICS	This course is an introduction to basic microeconomic principles necessary for lawyers to understand economic analysis as used in the legal literature and to use and evaluate legal arguments that rely on economic analysis.	I
Law	Law	LAW	6480	NATURAL RESOURCE LAW	This course is a survey of natural resources law, emphasizing water resources management and pollution control, wetlands regulation, and wildlife law. May be repeated up to a maximum of five semester hours.	F
Law	Law	LAW	5400	Property	This course studies the extent to which various property rights come or fail to be recognized. The course includes both private sector and governmental arrangements and influences on the definition of property rights. Particular topics include the law of finders, landlord and tenant, concurrent ownership, licenses, easements, profits, restrictive covenants, an introduction to zoning and growth control, as well as constitutional "talkings" analysis.	F

Law	Law	LAW	6863	Public Health Law	This course offers an overview of basic concepts and principles in public health law, examined in the context of issues such as government planning for natural and manmade disasters; mandatory immunization programs; mandatory medical screening of particular population groups; mandatory disease reporting laws; infectious disease control methods like quarantine; public health research; and regulation and litigation concerning tobacco, alcohol, firearms, and drugs with abuse potential. The course focuses on identification and analysis of the duties, powers, and limits of government in its pursuit of protecting and promoting the public's health.	F
Education	Educational Leadership and Policy Studies	LDR	2242	GENDER & LEADERSHIP	This course is an exploration of the intersections of the complex social construct of gender and the intricacies of enacting leadership. This course considers the experiences of women, trans*, genderqueer, and men leaders as well as concepts of gender expression and the intersectionality of identities as influencers on leadership access and practice.	I
Education	Educational Leadership and Policy Studies	LDR	2231	GLOBAL LEADERSHIP	This course helps students develop the skills necessary to interact globally whether at home or abroad. It leads students to develop a sense of curiosity for diverse cultures and understanding the various behaviors, attitudes, and emotions which are found globally and impact our daily lives. The knowledge gained about global leadership allows students to recognize and respect cultural differences and be able to maneuver situations more accurately as well as gain insight and understanding of recent world leaders.	I
Education	Educational Leadership and Policy Studies	LDR	2290	LDR & SUST IN ACTION	This course is designed to introduce students to the concept of leadership and action related to sustainability. It looks at the interconnectedness and complexity of the three pillars of sustainability (environment, economic, and social) as well as discusses the development of the leadership skills needed to create social change. In conjunction with class discussions and readings, students develop a personal sustainability plan to help align passion and values into active practice.	F
Education	Educational Leadership and Policy Studies	LDR	2213	LDR FOR SOCIAL JUSTI	This course introduces students to theoretical frameworks in the field of social justice. Through these theories, the notions of privilege, oppression, power and difference are explored. Attention is given to specific social justice issues related to gender, sexual orientation, race, religion, ability, age, and class. Students examine social justice in the context of leadership and come to understand their unique role in creating social change on campus, in their academic discipline, and within our larger society.	I
Education	Educational Leadership and Policy Studies	LDR	2162	LEADERSHIP IN GROUPS AND COMMUNITIES	This course is designed to inspire, teach, and engage students in the process of learning leadership within the context of working with groups and communities. This course helps students develop the skills necessary in order to be effective in the leadership process and to practice these skills within their community. The course is highly interactive, with student participation and outside class involvement as critical components to the learning process.	I

Hospitality	Recreation, Tourism and Events	LEI	2318	EVENTS ETHICS & SUSTAINABILITY	This course provides an overview of ethics and corporate social responsibility in the meetings, conventions, and events industry. Students evaluate the application of ethical practices in the meeting and events industry. The correlation between ethical behavior and corporate social responsibility is also analyzed. Students learn to identify and determine when sustainability related practices are applied to meetings, conventions, and events.	F
Hospitality	Recreation, Tourism and Events	LEI	1181	LEI&REC FOR ALL AGES/ABILITIES	This course introduces students to the concepts of leisure and recreation for people of varying abilities. Students review best practices for inclusion in facilities and programs. This course is interactive, with student participation through simulations, group discussions, presentations, and opportunities for personal reflection.	I
Hospitality	Recreation, Tourism and Events	LEI	3266	OUTDOOR ADVENTURE ED	This course provides education in teaching leadership and programming skills for outdoor adventures through observation, direct participation and skills demonstration.	I
Arts and Sciences		LIN	5602	Language Contact	This course is an introduction to the field of language contact. Topics include theories of language contact, methods, contact-induced change at different linguistic levels (phonology, morphology, syntax, semantics, etc.), endangered languages, pidgins, creoles, and mixed languages. The course covers a wide range of language pairs and contact situations across the world.	I
Communication and Information	Information	LIS	5418	Introduction to Health Informatics	This survey course evaluates medical informatics from a stakeholder perspective. Beginning with a brief overview of the US health care system, the focus then shifts to understanding to what extent health information needs are met using technology for users such as providers of health care services, clinician educators, consumers, and caregivers.	I
Communication and Information	Information	LIS	5486	Managing Makerspaces for Technology Innovation	This introductory course introduces students to skills, technologies, principles, and issues involved in managing makerspaces and fab labs for emerging technologies--an area of growing demand for information and technology fields. Students focus on technology leadership, management, and instructional and design aspects of operating makerspaces that support hands-on technology learning and use.	F
Communication and Information	Information	LIS	5241	INTL & COMP INFO	This course examines the important role information plays in the lives of individuals around the world. The course focuses on analysis of information management and access at the national or country level in the context of international globalization. Students develop the knowledge, skills and abilities needed to analyze and compare the social, cultural, economic and political factors that affect access to information and information service provisions.	I
Arts and Sciences	English	LIT	3622	ECO-LITERATURE AND ECOCRITICISM	This course considers what literature and literary criticism respond to ecological and climatological change, its history, and politics.	F
Arts and Sciences	English	LIT	3822	Latinx Drama	This course explores how Latinx identities, inclusive of Afro-Latinidad and indigeneity, are depicted in dramatic literature and performed onstage.	I
Arts and Sciences	English	LIT	3524	LGBTQ Drama	This course considers the genre of LGBTQ Theatre that encompasses dramatic literature, theatre, performance sites, theory, narrative traditions, and themes.	I

Arts and Sciences	English	LIT	3438	Literature and Medicine	This course studies how literary texts address questions in medical ethics and public health. Each topic examined is paired with a set of readings that addresses similar concerns in the contemporary setting. May be repeated to a maximum of nine semester hours.	I
Business	Management	MAN	4605	Cross-Cultural Management	This course studies the unique issues of managing non-native cultures that require collaboration, leading cross-cultural teams, and appreciating diversity. Globalization has increased interactions between businesses and markets to increase the flow of people, products, knowledge and finance between nations. As a result, the ability to understand, manage and communicate in culturally diverse settings represents an increasingly important business skill.	F
Business	Management	MAN	4310	Disability Inclusion in the Workforce	This course emphasizes HRM theory and research methods, and the application of those principles and methods to solving "people issues" by examining public policy and current events within the workforce. This course specifically examines the challenges that individuals with disabilities face entering, assimilating, and excelling within the workforce.	F
Business	Management	MAN	4113	Diversity Management	This course provides a foundation for understanding diversity in the workplace and how to manage diversity effectively in organizations.	F
Business	Management	MAN	4054	Innovation Management	This course details the challenges of managing creative workspaces, whether it be new product development teams, small organizations, or large multinationals. Creative workspaces are not utopian organizations but are often characterized by tension, stress, and intense disputes. This course discusses some of these challenges and leads students to understand how to manage creative workspaces.	F
Business	Management	MAN	5501	Operations Management	This course is a graduate survey of international business. Concepts of international economics blended with the marketing of goods and services in international markets. Current international events discussed.	F
Business	Management	MAN	4701	BUSINESS & SOCIETY	This course is an examination of current and future issues in business and society with emphasis on the social responsibility of business and future challenges for business in a pluralistic society.	I
Business	Marketing	MAR	5839	Product Innovation Management	This course is a structured way of thinking about product and process development. Students receive an up-to-date toolbox for developing and managing new products and processes. The course focuses on hands-on individual assignments, creating a group project to stimulate consumer awareness, and a group project to simulate the development process of a new and original products or services. Students work with an existing company to consult them on ways to be more innovative in their product development to meet consumer needs or develop process that create efficiencies, thus lowering costs and increasing profits.	F
Business	Marketing	MAR	5726	Supply Chain and Marketing in the Digital Age	This course focuses on how technology affects the entire supply chain from marketing to suppliers. Students review databases, newer technologies such as 3D printing, blockchain, robotics, drones, automated vehicles etc. along with supporting systems such as procure to pay and other supply chain information systems.	I

Arts and Sciences	Biological Science	MCB	4403	PROKARYOTIC BIOLOGY	This course covers structural and functional characteristics of microorganisms, with emphasis on prokaryotes (bacteria and archaea) and viruses. Topics include: prokaryotic cell structure and function, physiology and genetics of prokaryotes and viruses, physiological and molecular aspects of microorganisms and human disease, and biotechnological applications of microbial physiology (environmental, food, and industrial microbiology).	I
Medicine	Medicine	MDE	7106	HEALTH EQUITY ELECTIVE	This course takes a broad approach to share concepts, current issues, and applications in this field embedded in a life course, person and population-centered perspective. Students will share and grow from each other's diverse backgrounds and learning skills in an effort to critically appraise literature focused on identifying and addressing health disparities and tangible measures to achieve health equity.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	1020	Introduction to Atmospheric Science	This course utilizes algebraic equations where appropriate to describe the structure of the atmosphere, weather processes and weather systems, including climate change.	F
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	4640	Atmospheric Chemistry	This course explores the role of atmospheric chemistry in air pollution, climate change, and environmental health. Students examine the physical and chemical processes that control the composition of the atmosphere and the global cycles of airborne pollutants. Specific topics include transport and dispersion of pollutants, surface and stratospheric ozone, acid rain, aerosols, and numerical modeling of atmospheric chemistry.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	4114	Regional Hydroclimatology	This course covers the physical and dynamical basis for the maintenance and variations of regional hydroclimate in the current and a changing future climate.	F
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	1010	INTRO TO ATMOSPHERE	This course covers the structure of the atmosphere; weather processes and weather systems, including climatic processes. Credit may not be received in this course if student has already received credit in 2000-level or higher MET courses.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	6155	ADV TOPICS CLIMATE	This course covers advanced topics and recent advances in climatology. Content varies covering such areas as climate modeling, physical climatology, dynamic climatology, climate change, and climate and the oceans. May be repeated up to six times to a maximum of eighteen semester hours.	F
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	5607	ATMOSPHERIC CHEMISTRY	This course examines the role of atmospheric chemistry in air pollution, climate change, and environmental health. Students examine the physical and chemical processes that control the composition of the atmosphere and the global cycles of airborne pollutants and nutrients. The course is organized around marquee environmental issues: surface and stratospheric ozone, acid rain, aerosols, greenhouse gas budgets, and toxic metals.	F
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	3103C	CLIMATE CHANGE SCI	This course enables students to explore the science behind our understanding of climate change. The course provides an in-depth exploration of the use of proxy, in situ, remote-sensing data, climate models, and their public policy implications. Students gain experience in evaluating internal and external forcings on the climate system and make quantitative assessments of change. The course also gives students an understanding of energy transfer methods between the atmosphere, cryosphere, oceans, and fresh water systems.	F

Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	2700	GENERAL METEOROLOGY	This course covers atmospheric structure and composition; weather and circulation systems; physics of atmospheric processes, including thermodynamics of dry and moist air.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	3300	INTRO ATMSPH DYNAMIC	This course will examine a variety of topics, including equations of motion, mass conservation, thermodynamics, vorticity, and geostrophic, gradient and thermal winds.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	6147	LINKING WEATHER AND CLIMATE	This course shows how weather and climate are intricately linked, and how to analyze and model this two-way interaction using advanced dynamics and statistics.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	1050	NATURAL HAZARDS AND DISASTERS	This course provides a survey of earth, ocean, and atmospheric sciences through an examination of natural hazards and disasters. The course examines the nature and physical processes that drive the hazards, the dangers associated with it, the scientific methods of forecasting such events, and approaches to their mitigation.	F
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	2101	PHYSICAL CLIMATOLOGY	This course covers global distribution of principal climatic elements with emphasis on physical causes. Statistical analysis of distributions of climatological variables.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	5117	REGIONAL HYDROCLIMATOLOGY	This course dwells on the physical and dynamical basis for the maintenance and variations of regional hydroclimate in the current and a changing future climate.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	5471	SAT RMOTE SENSNG PLANET ATMOSP	This course covers composition, extent, properties, cloud forms, general circulation; geophysics of the planets; theoretical deductions; implications for general circulation on Earth.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	5533	TROPCL METEOROLOGY I	This course is a lecture-laboratory on planetary and synoptic-scale systems of the tropics including hurricanes.	I
Arts and Sciences	Earth, Ocean, Atmospheric Science	MET	5534	TROPICAL METERLGY II	This course covers convection, boundary layer processes, local weather phenomena, mesoscale tropical systems, hurricane structure.	I
Education		MHS	5060	Psychosocial and Multicultural Aspects of Counseling	This course examines the relationship among psychological, social, environmental, disability, and multicultural factors as they pertain to understanding human behavior.	F
Education		MHS	5415	School, Family, and Community Partnerships	This course examines the role of school-family-community partnerships in P-12 educational settings.	I
Nursing	Nursing	NGR	6681	Women in War: Understanding the Health of Military and Veteran Women	This course identifies and explores health status of women who are currently serving or have served in the uniformed services. Emphasis is placed on strategies to recognize and improve the physical/mental health and overall well-being of this population.	I
Nursing	Nursing	NGR	6185	Genetics and Emerging Diseases	This course is designed to facilitate the nursing student's understanding of genetics and emerging disease on the professional-nursing practice. Topics include basic concepts of genetics and emerging diseases, their application to nursing practice and global health, as well as related ethical, legal, and social issues.	F
Nursing	Nursing	NGR	6511	Geriatric Mental Health	This course examines mental health concerns of diverse groups, including older adults and their families. Essential aspects of the course focus on the recognition of major psychiatric disorders affecting older adults in a variety of settings, including the aging military veteran populations and their families.	I

Nursing	Nursing	NGR	6893	Healthcare Finances, Economics and Entrepreneurship	This course examines changes in healthcare systems based on evolving healthcare priorities and economic outcomes. Students analyze the relationship among processes, outcomes, and economic indicators; explore financial models of healthcare delivery, including resource management, distribution of services, cost-benefit analyses, return on investments, and outcome-based care; investigate financing of the practice of care-delivery systems viewed on a continuum of individual practitioner-care delivery to acute and complex, multi-level organization systems; and examine key entrepreneurial leadership principles, practices, and creative strategic planning for healthcare ventures.	F
Nursing	Nursing	NGR	5871	Managing Information and Technology in Health Systems	This course examines the critical elements and use of healthcare information systems and patient-care technology as applied to healthcare delivery, quality improvement, patient safety, and the evaluation of organizational outcomes. Topics cover health applications related to clinical, administrative research, and educational decision making, with emphasis on the exploration of issues and trends related to human-technology interface, implementation science, ethics, and cultural diversity.	I
Nursing	Nursing	NGR	6492	Professional Aspects of Nurse Anesthesia	This course analyzes and evaluates the nurse anesthesia profession in terms of professionalism, regulation, healthcare, environment, issues, politics, and practice challenges to include by not limited to adverse outcomes in anesthesia, cultural competency, conflict management, professional issues, legality, liability, informed consent, involvement in professional associations and addiction in anesthesia providers.	F
Nursing	Nursing	NGR	5538	Psychopharmacology for Advanced Practice Psychiatric Nursing	This course provides a review of common psychoactive medications, classes, uses, effects, side effects, and prescriptive implications related to nursing care of clients with psychiatric mental health illness, including children, adolescents, and adults. Content is presented in relation to the role of psychiatric mental health nurse who functions in an advanced role in a variety of settings. Emphasis is on the selection and use of psychoactive medications to help reduce emotional pain and increase personal autonomy of patients suffering from mental illness. An additional focus is to increase cultural competence by understanding the impact of psychoactive medications on the client, family, and community.	I
Nursing	Nursing	NGR	6348	Women's Health Care for Family Advanced Practice Nurses	This course addresses women's health care across the lifespan. It facilitates the family advanced practice nurse's understanding of how to provide primary care, reproductive care, and problem-based care unique for women. The focus is on clinical decision-making, progressing from the reason women seek care, through assessment, diagnosis, screening and diagnostic testing, management plans, and patient teaching.	I
Nursing	Nursing	NSP	3185	Multicultural Factors and Health	This course is a comparative analytical approach to the study of communication, current problems, issues, health care beliefs, values, and practices of different systems and cultural norms as they affect health care practices which conflict with ethnic or cultural communication related to standards and value systems.	I

Nursing	Nursing	NUR	3177	HOLISTIC APPRCH HLTH	This course is designed to explore knowledge of practices that promote health and well-being. Emphasis is on stress management and body-mind-spirit communication. A variety of holistic and complementary approaches to health and healing are explored.	I
Nursing	Nursing	NUR	3678	NSG CARE VULNER POPU	This course examines the application of nursing and related theories to the care of vulnerable populations throughout the life cycle. Emphasis is placed on nursing care of the elderly, clients with psychosocial disorders, and at-risk culturally diverse populations in the community. The impact of poverty, environment, support networks, health policy, and community resources on vulnerable populations and health outcomes is explored. The focus is on promoting client independence and maximizing quality of life of vulnerable individuals, families and communities.	F
Nursing	Nursing	NUR	3695	Disaster Nursing	This course introduces the student to comprehensive and current disaster nursing information. Acquiring knowledge and developing skills needed for responses to different types of disasters or public health emergencies. Essential aspects of disaster planning, management, triage, and recovery as well as relevant disaster recovery issues related to disaster recovery, including legal, ethical, and psycho-social considerations. Healthy People/WHO indicators will be used in evidence-based decision-making, and public health tools such as epidemiology and bio-statistics will be reinforced during the process of community assessment.	F
Nursing	Nursing	NUR	4667	POPULATION HLTH IN NSG	This course introduces students to global health, the U.S. healthcare system, the social determinants of health, environmental health, emerging infectious disease, disaster planning and population support during disasters, and other mass casualty situations. In addition, using Healthy People/WHO indicators in evidence based decision making and utilizing the process of community assessment including the tools of epidemiology and biostatistics are reinforced.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCB	4631	COASTAL ECOLOGY	This interdisciplinary course addresses the ecology of estuaries and the part of the inshore waters with which estuaries interact directly. The lectures address the general ecological principles that govern the productivity and diversity of estuaries, including their hydrodynamics, sedimentology, chemistry, as well as plant and animal community structure. Key species of estuarine systems are introduced and cycles of carbon and nutrients are explained.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCB	5635	COASTAL PROCESSES	This course addresses selected topics in coastal ocean ecology with emphasis on changes caused by anthropogenic activities. The lectures address key physical, chemical and biological processes, including coastal upwelling, cycling of matter, hypoxia, and biological diversity changes. The course format includes student presentation, readings, and class discussions.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCB	5639	MARINE BENTHIC ECOLG	This course is open to advanced undergraduates with instructor permission. The physical setting and community organization of these habitats are presented through lectures and substantial readings: rocky intertidal, sand beach, subtidal soft bottom, coral reef, deep-sea habitats.	I

Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCB	4637	MARINE BENTHIC ECOLO	This course studies the physical setting and ecological organization of the communities found in the rocky intertidal, in the fouling habitat, on sandy beaches, in subtidal soft bottoms, and in the deep sea. This is presented through lectures, substantial reading, and class discussions.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCB	5565	MARINE PRIM PRODUCTI	This course studies the factors that affect the biomass production and spatial distribution of phytoplankton, seagrasses, and macroalgae in the ocean. It also explains the key role of marine primary production in the global carbon cycle.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCC	4002	BASIC CHEM OCEANOGR	This course focuses on the chemical composition of seawater, carbon dioxide system, nutrients, trace elements, and biogeochemistry.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCC	5052	AQUATIC CHEMISTRY	This course focuses on thermodynamics, acid-base and redox reactions in natural waters, solution-precipitation reactions, complex formation, case studies of composition of seawater, and controlling processes.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCC	5050	BASC CHEMCL OCEANOGR	This course introduces students to the chemical composition of seawater, carbon dioxide systems, nutrients, trace elements, and biogeochemistry.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCC	4060	ENV SCI MODELING	This course gives students an understanding of explanatory and predictive models of the earth's systems and environmental processes therein. Analytical and numerical methods for solving equations are examined and applied. Discussions cover relevant scientific issues, mathematical and computational procedures, visualization techniques, as well as the use of models in research and decision making.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCC	5417	GEOCHEM OCEAN TRACRS	This course focuses on mixing models and processes affecting dissolved concentrations and distributions of chemicals and radiotracers in the worlds oceans.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	5009	ADV GEN OCEANOGRAPHY	This course is an overview of geological, physical, chemical, and biological oceanography. The major hypothesis in each subdiscipline is described. Cross-linkages between subdisciplines are used to show the interdisciplinary nature of modern oceanography.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	4265	CORAL REEF ECOLOGY	In this course students learn the components of warm water coral reef ecosystems, their functions and interactions, and their response to environmental change. The course addresses biological, chemical and physical processes that govern the ecology of warm water coral reef ecosystems, as well as the anthropogenic impact on reef ecosystems and the management of coral ecosystems.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	1001	ELEMENTRY OCEANGRPY	This course studies the structure and motion of the ocean and its environs, properties, populations, and energy budget. Not intended for upper-division science or mathematics majors. Upper-division science or mathematics majors are encouraged instead to take OCE 4008.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	4017	ISSUES ENVIRO SCIENC	This course is taught at an introductory level and includes discussions of current ground-breaking research, environmental problems, and approaches to solving them. It consists of presentations by experts on their current research topics or on environmental issues.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	5018	ISSUES ENVIRO SCIENC	This course is taught at an introductory level and includes discussions of current ground-breaking research, environmental problems and approaches to solving them. This course consists of presentations by experts on their current research topics or on environmental issues.	F

Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	4064	MARINE CONSERVATION BIOLOGY	This course discusses anthropogenic impacts on the world's marine biological resources and ways to mitigate those impacts. The course begins with a brief overview of some relevant key concepts in marine biology and ecology.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	5065	MARINE CONSERVATION BIOLOGY	This course helps students understand anthropogenic impacts on the world's marine biological resources and ways to mitigate those impacts.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	5077	MARINE ENVIRONMENT POLLUTION	This course explains sources of marine pollutants, their effects on organisms, and ensuing consequences for marine ecosystems. Focal points are persistent anthropogenic pollutants that accumulate in the estuarine and marine environment. Pollutant amplification in the food web, physiological responses and degradation pathways are discussed.	F
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	5009L	MARINE FIELD METHODS	This course provides a multi-disciplinary, hands-on experience of the field methods most commonly used in oceanography. It gives graduate students the opportunity to gain a greater appreciation of the complexity of marine-ecosystem dynamics through active participation in ocean-science field research.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCE	4008	PRINCPL OCEANOGRAPHY	This course focuses on dynamic motions and life processes in the marine environment. Long-term geologic history of the oceans and recent changes caused by man. An overview of oceanography for upper-division students majoring in science, mathematics, or science teaching.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCP	5050	BASC PHYSL OCEANGPHY	This course studies seawater properties, currents, waves, tides, and acoustics. Not open to students in physical oceanography option.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCP	4005	INTR PHYS OCEANGRPHY	This course examines waves, currents, tides, El Nino, and climate change prediction.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCP	5056	INTRO PHYSCL OCEANOG	This course studies the properties of seawater, equations of motion and continuity of volume, geostrophic motion, stability and double diffusion, ocean currents.	I
Arts and Sciences	Earth, Ocean, and Atmospheric Science	OCP	5551	PHY AIR SEA BNDY LAY	This course focuses on topics such as: flux of momentum, heat, and water; study of air sea interaction mechanism of exchange and budgets. Also offered by the Department of Oceanography.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5525	Governance for Sustainable Communities	This course explores innovations both in physical infrastructure design and in the design of policies and institutions to advance the governance for sustainable communities. The course focuses on four main aspects: (i) the meaning of sustainability in research and practice, (ii) the systemic dimension of sustainable communities, (iii) the global and political aspects of sustainable communities, and (iv) the ethical dimension of sustainable development.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5824	Intergovernmental Management and Relations	This course prepares students for intergovernmental relations, intergovernmental management, and collaborative public management. The course bridges theory, practice, and current issues in politics and governance.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4604	Legal and Administrative Issues in America	This course is a basic introduction to law with a focus on some of the current key issues confronting America. <u>Examples of potential topics</u> are immigration, free speech, capital punishment, life without parole for juveniles, physician-assisted suicide, hate crimes, and affirmative action.	I

Social Sciences and Public Policy	Public Administration and Policy	PAD	5335	Strategic Leadership for Communities	This course teaches the principles and skills of strategically managing agencies and communities. Strategic planning, community visioning, and organizational assessments are covered. Managerial leadership roles and responsibilities in organizing community planning and change are also covered.	I
Social Sciences and Public Policy	College of Social Sciences and Public Policy	PAD	4083	Terrorism and Security in Africa	This course provides an in depth look at the nature and evolution of terrorism in Africa. Topics covered will include recruitment, anti-terrorism agencies/initiatives, the ramifications of colonialism on modern day terrorism, the state of security on the continent, gender roles in terrorism, and state sponsored terrorism.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5838	Terrorism and Security in Africa	This course provides an in depth look at the nature and evolution of terrorism in Africa. The course covers topics including recruitment, anti-terrorism agencies/initiatives, the ramifications of colonialism on modern day terrorism, the state of security on the continent, gender roles in terrorism, and state sponsored terrorism.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5935	SEMINAR IN PUBLIC ADMINISTRATION: SELECTED TOPICS (SOCIAL EQUITY)	This course acquaints students with special topics in the field of Public Administration, the processes and platforms for information/data gathering and analysis and how it is used by policy/decision-makers. Throughout the course students are given opportunities to gather, analyze and report their findings to case-studies and then compare their conclusions to real-world outcomes. May be repeated to a maximum of twenty-one (21) credit hours; repeatable within the same term.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4380	DISASTERS: SHOCK TO RECOVERY	This course utilizes multiple case studies to examine the complexity of disaster situations in the United States and internationally. The course covers a different disaster case study every week, focusing on event-specific conditions that created/contributed to the disaster, local preparedness, response and recovery in the aftermath of the event.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5835	INTL COMP DIS MANG	This course discusses practical and theoretical issues associated with international disaster management. Risk, hazards, and disasters are addressed from a global perspective with particular emphasis placed on the differences in key issues between developing and developed countries.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4844	PUBLIC HEALTH AND EM	This course examines global disasters and cascading public health consequences. The course also explores domestic and international disaster health policies, response and recovery practices.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5845	PUBLIC HEALTH AND EM	This course examines global disasters and cascading public health consequences. The course also explores domestic and international disaster health policies, response, and recovery practices.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4301	DISASTER MGT PLAN URBAN POOR	This course discusses the elements that intensify risk where informal and non-permanent settlement housing is prevalent. Government interventions, especially those involving urban planning and policy are studied and their repercussions to the social, economic and cultural networks of these communities analyzed.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5310	DISASTER MGT PLAN URBAN POOR	This course discusses the elements that intensify risk where informal and non-permanent settlement housing is prevalent. The course studies government interventions, especially those involving urban planning and policy, and analyzes their repercussions to the social, economic and cultural networks of these communities.	F

Social Sciences and Public Policy	Public Administration and Policy	PAD	4891	NGO'S AND DISASTERS	This course is designed to introduce students to the fundamental concepts, theories, principles, and practices in emergency management relationships with NGO's and non-profit organizations.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5378	DISASTER SYSTEMS	This course helps students not only recognize the underlying concepts, principles, and theories inherent in modern disaster response operations, but also comprehend the intricate interdependencies of these systems. Of equal importance is the impact information technology has upon these systems.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5389	DISASTERS: SHOCK TO RECOVERY	This course utilizes multiple case studies to examine the complexity of disaster situations in the United States and internationally. The course covers a different disaster case study every week, focusing on event-specific conditions that created/contributed to the disaster, local preparedness, response and recovery in the aftermath of the event.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4833	INTL COMP DIS MANG	This course discusses practical and theoretical issues associated with international disaster management. Risk, hazards, and disasters are addressed from a global perspective with particular emphasis placed on the differences in key issues between developing and developed countries.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4395	DISASTER SYSTEMS	This course introduces students to the fundamental concepts, theories, principles, and practices of the role of Incident Command (ICS) as an organizational structure, Emergency Operations Centers (EOC) in coordinating response and recovery to crises, and information and knowledge management systems that support disaster management.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5828	NGOS AND DISASTER	This course is designed to introduce students to the fundamental concepts, theories, principles and practices in emergency management relationships with NGOs and non-profit organizations.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4382	DISASTER RECOVERY	This course is designed to provide an overview of recovery and mitigation activities in the post-disaster environment. Focusing on the "Recovery Phase" initially, course materials examine the policy and planning mechanisms involved in short and long term rehabilitation of distressed communities. A similar examination from the "Mitigation Phase" is also made.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5388	DISASTER RECOVERY	This course is designed to provide an overview of recovery and mitigation activities in the post-disaster environment. Focusing on the "Recovery Phase" initially, course materials examine the policy and planning mechanisms involved in short and long term rehabilitation of distressed communities. A similar examination from the "Mitigation Phase" is also made.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4393	Emergency Management Programs, Planning, and Policy	This course examines functional demands that emergency managers should be aware of in crafting emergency management programs. Students investigate how public policy choices impact emergency planning and the consequences of a disaster event. May be repeated to a maximum of six semester hours.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5398	Emergency Management Programs, Planning, and Policy	This course examines functional demands that emergency managers should be aware of in crafting emergency management, policies and programs. Students explore how public policy choices impact emergency planning and the consequences of a disaster event.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	3013	FUTURES STUDIES	This course applies futures studies perspectives and methods to the study of societal trends and conditions. Emphasis is on the development of anticipatory public policy.	I

Social Sciences and Public Policy	Public Administration and Policy	PAD	4897	Global Security and Fusion	This course examines how the nations of the world unite for a common cause, outlining geo-political and strategic relationships that serve to streamline and facilitate such relationships, the critical importance of U.S. security and intelligence cooperation with our partners and allies, and how our military supports our civilian authorities in a variety of ways toward this end.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5839	INTERN CONFLICT AND TERRORISM	This course introduces students to historical and ongoing conflicts around the world. Students explore how these conflicts have created terrorism and various tools to end both the conflict and the resulting terrorism. Students learn the drivers of conflict such as relative deprivation, dehumanization, and various -politics. Students also analyze how conflict resolution tools such as Peacekeepers, political revolution/evolution, autonomy/sovereignty, and violence can bring peace and end terrorism.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4831	INTERN. CONFLICT AND TERRORISM	This course introduces students to historical and ongoing conflicts around the world. Students understand how these conflicts have created terrorism and various tools to end both the conflict and the resulting terrorism. Students examine the drivers of conflict such as relative deprivation, dehumanization, and various politics. Students also understand how conflict resolution tools such as Peacekeepers, political revolution/evolution, autonomy/sovereignty, and violence can bring peace and end terrorism.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4084	International Terrorism Policy	This course examines international relationships between terrorists and governments in the context of global relations, politics, policy and finance. Terrorism is examined as a global phenomenon in order to understand how new policies are being developed to combat the threat it poses.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	5836	INTL AND COMPAR ADMIN	This course deals with activities of public administration and governance in international contexts. The course updates comparative administration's history and explores international institutions in the face of globalization.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4372	Leadership and Communication in Emergency Management	This course is designed to introduce students to the fundamental concepts, theories, principles, and practices of public information and communication in a risk environment as well as effective leadership principles in an emergency management shared power context.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5373	Leadership and Communication in Emergency Management	This course is designed to introduce students to the fundamental concepts, theories, principles, and practices of public information and communication in a risk environment as well as effective leadership principles in an emergency management shared power context.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5173	NONGOV'T ORGS	This course covers nongovernmental organizing in international and transnational contexts, explores the dynamics in which NGOs are embedded, examines their historical trends, and illuminates the challenges and opportunities that NGOs face.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4170	NONGOV'T ORGS IN DEVELOP	This survey course is about international development NGOs. The course presents contemporary perspectives about NGOs, describes how NGOs operate, and introduces the challenges that their managers face and potential solutions for them.	I

Social Sciences and Public Policy	Public Administration and Policy	PAD	3223	SOCIAL ENTREPRENEURSHIP	This course facilitates socially significant innovation through the development of tools, skills, and knowledge. Students examine social entrepreneurship through nonprofit (and public) organizational examples and interactions with social entrepreneurs within their own community.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5174	The Independent Sector	This course surveys organizations variously referred to as the independent, non-profit, voluntary, charitable, and nongovernmental sector. The course also examines grassroots organizing and the roles of faith, philanthropy, and volunteerism within the sector.	F
Social Sciences and Public Policy	Public Administration and Policy	PAD	4075	Unmanned Aircraft Systems in Emergency Management	This course is designed to give students an overview of what UAS can do to support the phases of emergency management (response, recovery, planning, preparedness, and mitigation). The course includes the core concepts and theory behind UAS use, and exposure to regulations, guiding policies, limitations and exclusions.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	4433	WOMEN, DISASTERS, AND CONFLICT	This course examines the role of women in disasters. The course also evaluates the role that women play in conflict and peace building. The course covers topics to include gender mainstreaming, LGBTQ issues, UNSCR 1325, gender based violence, and human trafficking.	I
Social Sciences and Public Policy	Public Administration and Policy	PAD	5475	WOMEN, DISASTERS, AND CONFLICT	This course examines the role of women in disasters. The course also evaluates the role that women play in conflict and peace building. The course covers topics including gender mainstreaming, LGBTQ issues, UNSCR 1325, gender based violence, and human trafficking.	I
Medicine	Medicine	PAS	5056	US HEALTHCARE SYST. AND POLICY	This course examines the U.S. healthcare system, regulations, and policies that affect the delivery of healthcare in the United States.	I
Arts and Sciences	Biological Science	PCB	5447	COMMUNITY ECOLOGY	This course introduces students to community concepts; species richness models; matrices and communities; competition and species packing; predation and dominance.	I
Arts and Sciences	Biological Science	PCB	5615	ECOLOGICAL GENETICS	This course covers the fundamentals of modern ecological genetics. The course begins with an overview of genetic variation, its measurement, and the forces responsible for the origin and maintenance of variation within and among populations. The remainder of the course describes the ecological context of evolution, and the ecological and evolutionary forces that shape variation within and between populations. Emphasis is placed on experimental studies of natural populations, and the relationship between theory and experiments. Several advanced topics are covered in the second part of the course: life-history evolution, sexual selection, applied ecological genetics, and molecular evolution.	I
Arts and Sciences	Biological Science	PCB	4402	ECOLOGY OF INFECTIOUS DISEASE	This course explores how concepts and tools of basic ecology can and have been used to understand the dynamics of infectious disease, and contribute to our ability to predict, prevent, and control disease outbreaks. Students consider diseases of humans and their domesticated plants and animals, as well as the role of disease in natural systems. Students are also expected to read extensively in the primary literature, and to contribute to regular class activities and discussions as well as research and present information on specialized topics such as the role of conservation corridors in the spread of disease, possible responses to pandemics and bioterrorism, and identification of sources of emerging diseases.	I

Arts and Sciences	Biological Science	PCB	3043	GENERAL ECOLOGY	This course focuses on topics such as population biology; population growth; community processes, succession, nutrient cycling, and energy flow; species interactions; ecological efficiency; and biogeographical ecology.	I
Arts and Sciences	Biological Science	PCB	3043L	LAB FOR ECOLOGY	Pre- or corequisite: PCB 3043. In this course, topics covered include quantifying populations and population growth; species interactions such as competition, predation, and mutualisms; documenting community patterns against gradients; adaptation and traits of species; habitat use, movement and species ranges; natural history of local habitats.	I
Arts and Sciences	Biological Science	PCB	5425	POPULATION ECOLOGY	This course studies the theory of population growth and regulation, demographic theory and analytical methods, life history variation and evolution.	I
Arts and Sciences	Biological Science	PCB	6938	SEM:ECOL&EVLTRN RY BIO	May be repeated to a maximum of eight semester hours within the same term.	I
Health and Human Sciences		PET	5261	Cultural and Ethnic Diversity for Sport Psychology Consulting	This course examines the influence of cultural and ethnic differences on the delivery of sport psychology.	I
Health and Human Sciences	Sport Management	PET	5856	Coaching 360: Athletes, Helping Skills, & Disabilities	The purpose of this course is to teach athletic coaches basic helping/counseling skills and to expose coaches to techniques that may help athletes with disabilities.	I
Health and Human Sciences		PET	5077	Physical Dimensions of Aging	This course deals with the quality of life, individual differences as we age, physical decline of physiological systems (cardiovascular, muscular, joints, bone, neuromuscular), health, exercise, and well-being, and the pathology of aging. The course assists students in developing an understanding of the physical aspects of aging to apply to setting such as physical therapy, sports medicine, and health and fitness programs in hospitals and retirement communities.	I
Social Sciences and Public Policy	Interdisciplinary	PHC	4320	ENVIRONMENTAL HEALTH	This course introduces students to environmental health issues, scientific understanding of causes, and possible future approaches to address major environmental health problems. This course covers key areas of environmental health, including environmental epidemiology, risk assessment, pollution, and education.	F
Social Sciences and Public Policy	Interdisciplinary	PHC	5300	ENVIRONMENTAL HEALTH	This course covers the science behind the basic elements of environmental health and its centrality to human health. It includes the basics of providing a pure water supply, sanitation of waste matters, and common field procedures needed for environmental surveillance.	F
Social Sciences and Public Policy		PHC	4157	HEALTH POLICY AND SOCIETY	This course introduces students to the major public health concerns currently facing the U.S. population and a variety of policies intended to address them. The course begins with an overview of how the American health care system works and how it compares to other health care systems across the world. Students also examine how issues of race, class, gender, sexuality, and age influence the availability, cost and quality of the health care individuals receive.	I
Social Sciences and Public Policy		PHC	4101	INTRODUCTION TO PUBLIC HEALTH	This course introduces students to key public health concepts, the history of public health, and how the core areas of public health can be integrated to promote health at a population level. The course covers principal areas of public health, including analytic methods, epidemiology, social and behavioral factors, environmental issues, and medical care.	I

Arts and Sciences	Philosophy	PHI	2635	Bioethics	This course is an examination of the philosophical foundations of bioethical theory and an exploration of the trenchant issues in contemporary bioethics with a concentration on discussions of race, gender, and vulnerable populations (e.g. the poor, immigrants). The course employs tools of ethical theory, philosophical analysis, and analytic writing to examine a number of moral issues arising in health care including justice in health care, experimentation and research on human subjects, reproductive technology, aging, organ donation, and euthanasia. Throughout the course we examine assumptions about rights, persons, and ethical principles at work in medical decisions.	F
Arts and Sciences	Philosophy	PHI	2630	Ethical Issues and Life Choices	This course draws on ethical theories to explore the major ethical issues that one faces as one makes decisions about the kinds of activities to engage in and the kind of life to lead. Issues such as those involving life and death (e.g., abortion, euthanasia, animal rights) and social justice (e.g. discrimination, responsibility to future generations) are examined.	I
Arts and Sciences	Philosophy	PHI	2620	ENVIRONMENTAL ETHICS	This course focuses on philosophical issues raised by environmental problems and the sciences designed to resolve them. The course also analyzes the historical development of environmental perspectives and the ethical theories that have been generated by these approaches.	F
Arts and Sciences	Interdisciplinary	PHY	1102	Applications of Modern Physics Research	This course describes how a specific subfield of modern physics is used to understand how nature works in an interdisciplinary way and how knowledge from the same subfield has been applied to medical science, energy production and other areas that impact our everyday lives.	F
Social Sciences and Public Policy	Political Science	POS	3122	STATE POLITICS	This course focuses on government and politics in the American states. It looks at the governor, the legislature, and the courts; the history of federalism; and policies, practices, and social institutions that affect state government. Includes a study of state policies in such areas as welfare, education, crime, and the environment.	I
Social Sciences and Public Policy	Political Science	POS	5127	STATE GOVT & POLITCS	This course is a comparative analysis of the organization and behavior of major political factors, institutions, and policies in the 50 states. Topics include state constitutions, federalism, political participation, political parties, interest groups, legislatures, courts, governors and administration, and analysis of various policies such as education, welfare, transportation, environmental protection, and civil rights.	I
Social Sciences and Public Policy	Political Science	PUP	4203	ENVIR POLIT & POLICY	This course focuses on the actions taken by government to protect and improve environmental quality in the United States. It includes such topics as the underlying scientific principles, the major actors in policy making, existing legislation, and future challenges. Background in science is not necessary.	F
Social Sciences and Public Policy	Political Science	PUP	3002	Introduction to Public Policy	This course is an introduction to the development of public policy in the United States. Covers main policy areas including housing, education, the economy, homeland security, etc.	F
Education	Teacher Education	RED	4241	Differentiating Instruction in Reading	This course prepares pre-service teachers to differentiate reading instruction for learners with a range of reading profiles including typically developing learners, English language learners (ELLs), and learners with and at risk for reading disabilities (e.g., dyslexia).	I

Arts and Sciences	Religion	REL	3178	Religion and Law	This course is a survey of how American jurisprudence about the First Amendment has understood religion, attending to the specific legal and ethical arguments made in the US Supreme Court opinions and how they intersect with philosophical accounts of the meaning of freedom.	I
Arts and Sciences	Religion	REL	3138	Religious Intolerance in America	This course examines the long and ongoing history of religious intolerance in America with respect to a wide range of religious groups and agnostic/atheistic persons, and with an eye to the ways in which religious intolerance intersects with race, ethnicity, class, and gender.	F
Business	Risk Management/Insurance, Real Estate and Legal Studies	RMI	4115	Lifecycle Risk Management	This course focuses on the fundamental objectives of personal risk management. Students conduct an in-depth analysis of the risk transfer mechanisms used to protect against economic losses caused by health risks, death, disability, long term healthcare needs, and excessive longevity	F
Business	Risk Management/Insurance, Real Estate and Legal Studies	RMI	5810	Personal Financial Planning	This course analyzes loss exposures facing individuals and families, basic personal-lines property-liability insurance (auto and homeowners), individual life, health and disability insurance, and individual/family financial planning.	F
Business	Risk Management/Insurance, Real Estate and Legal Studies	RMI	5907	Special Studies in Management	This course provides students with an understanding of the real estate development process. Through interactive class sessions with established professionals in the real estate, development and planning industries, students better understand both investor and planner perspectives in the development of real property, and how the two disciplines work together to ensure development outcomes that are profitable, sustainable, and beneficial to the community. May be repeated to a maximum of three (3) credit hours.	F
Education	Education	SCE	5642	Science Teaching and Education Policy	This course assists pre-service and in-service science teachers in understanding the issues associated with science education and policy from a historical and futuristic perspective.	I
Social Work	Social Work	SOW	5646	Gerontological Social Work	This course introduces students to the field of social gerontology and gerontological social work. Topics include the demography, physical, cognitive, and psychosocial aspects of aging; health-care and social policies that impact older persons, caregivers, and the aging network of services; ways in which forms of oppression (such as ageism, sexism, racism, ablebodyism, beautism, and homophobia) impact our work with older people; as well as ways to promote dignity, self-determination, and socio-economic justice for older persons.	F
Social Work	Social Work	SOW	3203	The Social Work Profession	In this course, students begin to identify with the social work profession, its history, mission, and core values, and conduct themselves in accordance with the ethical principles that guide professional practice. Students also learn how the social work profession engages in policy and practice to address issues of social and economic well-being. They begin to recognize the social, political, economic, and environmental influences on client systems of all sizes and apply them to the conduct of social work practice.	F

Social Work	Social Work	SOW	5034	The Social Work Profession	This course helps students to begin to identify with the social work profession, its history, mission, and core values, and to conduct themselves in accordance with the ethical principles that guide professional practice. Students learn how the social work profession engages in policy and practice to address issues of social and economic well-being. Students also begin to recognize the social, political, economic, and environmental influences on client systems of all sizes and apply them to the conduct of social work practice.	F
Social Work	Social Work	SOW	4784	INTL SW & SOCIAL WEL	This course prepares students for international social-work practice and for transitional work with immigrants, refugees, international migrants, etc. The course also introduces international perspectives in the social-work field and offers varied examples of social-work practice in the U.S., and Western, Central European, and Caribbean nations and examines the impact of the global interdependence on social-work practice and policy and helps students learn to critically analyze varied practice approaches utilized in dealing with international welfare issues.	I
Social Work	Social Work	SOW	5785	INTL SW & SOCIAL WEL	This course prepares students for international social-work practice and for transnational work with immigrants, refugees, international migrants, etc. It introduces international perspectives in the social work field and offers varied examples of social work practice in the U.S., Western and Central European, and Caribbean nations. The course also examines the impact of the global interdependence on social-work practice and policy and helps students learn to critically analyze varied practice approaches utilized in dealing with international welfare issues.	I
Social Work	Social Work	SOW	5659	Child Maltreatment and Child Welfare	This course provides students with knowledge and skills related to the theory, research, and implications of child and adolescent maltreatment for child development and well-being. Course content is presented within the context of child welfare practice and social work with children and adolescents in public agencies and programs. Issues related to children, families, and communities are covered and attention is given to working with ethnic minorities, women, gays and lesbians, and persons with disabilities. Particular attention is given to federal and state child welfare statutes including Chapter 39, Florida statutes including the Adoption and Safe Families Act and the range of services provided by the Department of Children and Families and other agencies.	I
Social Work	Social Work	SOW	4620	DIVERSITY AND SOCIAL JUSTICE	This course enhances student understanding of human diversity and prepares students to engage in a lifetime pursuit of cultural competence. Students are encouraged to reflect upon and discuss the intricacies of their own particular dominant and/or minority social statuses and their relations to other individuals and communities. The course is designed to train students to apply theoretical frameworks to the forms and mechanisms associated with diversity, differences, and oppression. Emphasis is placed on enhancing respectful and empathic communication, and on the advancement of social and economic justice and human rights in national and global contexts.	F

Social Work	Social Work	SOW	5614	Family Violence Across the Life Span	This course, looking at violence across the life span, provides an ecological perspective emphasizing the interconnections between individuals experiencing violence and their social environments. Emphasis is placed upon broad coverage of all-important aspects of child abuse, incest, intimate partner violence, rape, and elder abuse. This course is appropriate for students who wish to gain skill in detecting and responding to incest situations for clients, sexual assault survivors, and victims of intimate partner violence or elder abuse.	I
Social Work	Social Work	SOW	4940	INTNTL COMMUNITY ENGAGEMENT	This course utilizes a service learning experience in an international social services organization to introduce students to international social work practice and a range of global social issues that shape human welfare and social development.	I
Social Work	Social Work	SOW	5943	INTNTL COMMUNITY ENGAGEMENT	This course utilizes a service learning experience in an international social services organization to introduce students to international social work practice and a range of global social issues that shape human welfare and social development.	I
Social Work	Social Work	SOW	5282	LEGISLATIVE ADVOCACY	This course exposes graduate students to the skills necessary to become effective human service advocates dealing with unmet needs, resolving social problems, or working to ameliorate unjust or inequitable conditions in society. As more decisions about social welfare programs have shifted from the federal to the state and local community levels, it is increasingly important for social workers to develop lobbying and advocacy skills to ensure social and economic justice. Such skills can help bring about much-needed policy changes for clients, promote and protect social work ethics and values, and positively affect human service funding during the budget appropriation process.	I
Social Work	Social Work	SOW	4232	SOC WELF POLICY PROG	This course provides a beginning understanding of the relationship between social welfare and social policy from a social work perspective. Students engage in policy practice to address social and economic well-being and to deliver effective social work services across diverse populations. Attention is given to critical analysis of the role that social work and social welfare policies and programs play in advancing human rights and social and economic justice.	I
Social Work	Social Work	SOW	5712	Substance Use and Misuse	This course is designed to provide fundamental knowledge of the aspects of substance misuse in American society. Students examine the etiology and epidemiology of substance misuse, treatment approaches, and major policies and programs relevant to the prevention and treatment of substance abuse through the use of readings, PowerPoint lectures, Web sites, and structured discussions. Special attention is given to substance use and misuse among specific populations including adolescents, older adults, women, racial and ethnic minorities, gays and lesbians, and persons with disabilities. The effect of substance misuse on families, communities, and social systems is examined utilizing a systems approach.	I

Social Work	Social Work	SOW	5235	SW POLICY AND SERVICES	This course provides a beginning understanding of the relationship between social welfare and social policy from a social work perspective. Students engage in policy practice to address social and economic well-being and to deliver effective social work services across diverse populations. Attention is given to critical analysis of the role that social work and social welfare policies and programs play in advancing human rights and social and economic justice. Emphasis is placed on the advancement of social and economic justice and human rights in a global context.	I
Communication and Information	Communication Science and Disorders	SPA	5462	Developmental Communication Disorders: School-Age Issues	This course prepares speech-language pathologists to evaluate and manage developmental communication disorders in conjunction with families, educators, and other service providers. Focus is on applications to the selection of functional treatment goals and to the development of effective treatment programs.	I
Communication and Information	Communication Science and Disorders	SPC	4711	Gender and Communication	This course is designed to help students gain knowledge of the theory and process of gender communication (about and between genders) from an interpersonal context perspective.	I
Communication and Information	Communication Science and Disorders	SPC	4710	Interracial/Intercultural Communication	This course helps students gain knowledge of the theory and process of interracial/intercultural communication.	I
Communication and Information	Communication Science and Disorders	SPC	5545	STUDIES IN PERSUASION	This course involves lectures, readings, and discussions of human behavior theories as applied to persuasive communication. The course uses environmental and sustainability-related case studies.	I
Education	Sport Management	SPM	4951	Sport Service Social Change	This is an <u>experiential learning</u> course where students use sport-based activities to serve a specific population in the local community. Through their experience and course reading, students increase their knowledge of social issues, social change, and the role of sport in both.	I
Education	Sport Management	SPM	4630	INTERNATIONAL SPORT VENUES	This course is a study of the design and management of international sport venues. Topics include design, marketing, facility image, media and public relations, among others. The course includes site visits and discussions of issues and challenges that venue managers face.	I
Education	Sport Management	SPM	4604	SPORT GOVERNANCE	In this course, topics and issues discussed involve the organizational theory, behavior, and structure of various sport organizations. The evolution of power and political activity engulfing sport organizations is examined as well as concepts of leadership and management related to the sport industry. The course also includes an outside project enhancing the student's understanding of a selected sport organization and its event.	I
Education	Sport Management	SPM	4025	DIVERSITY IN SPORT	This course examines the role and impact that ethnicity, racism, gender, and other diversity topics have had on sport, while providing students with an opportunity to develop an understanding and appreciation for diversity in sport.	I
Education	Sport Management	SPM	4204	ETHICS IN SPORT	This course is designed to examine major moral/ethical issues within sport. Students are introduced to critical-thinking regarding ethical issues in sport and learn to use moral reasoning to make ethical decisions in sport. This course covers the role of sports in the United States, focusing on sports as social and cultural phenomena. Focus is on the relationships between sports and social variables such as race and gender, social institutions such as education and family, as well as social issues such as drug use and violence.	I
Education	Sport Management	SPM	4012	SPORT IN SOCIETY		I

Arts and Sciences	Modern Languages and Linguistics	SPN	4036	Spanish Medical Interpreting	This course is designed to provide Spanish speaking students with training in medical terminology, cultural issues in medicine, and healthcare interpreting skills.	F
Arts and Sciences	Modern Languages and Linguistics	SPW	5586	Critical Inquiries into the Early Hispanic Episteme	This course begins with the premise that it is possible to trace certain important epistemological shifts in the Western world from the end of the Middle Ages to our own time. The course aims to heighten our awareness of how today the practice of professional cultural studies is systematically interpellated through the discourses specific to our own systems of knowledge and communication. Taking medieval and early modern Iberia, as well as its colonies, as a case study, examinations of a selection of texts from this geographic and temporal space revolve around the usefulness, or lack thereof, of some of the contemporary West's most prominent social constructions of subject formation, such as race, class, gender, and nationhood.	I
Social Sciences and Public Policy	Sociology	SYA	4400	SOCIAL STATISTICS	This course involves the application of statistical techniques to sociological data as illustrated in the research and writing of social scientists. As a course for majors, it represents an important part of the student's methodological training with respect to the statistical analysis of data typically used by sociologists. The student is expected to carry out a number of exercises involving the statistical analysis of sociological data and to interpret the results.	I
Social Sciences and Public Policy	Sociology	SYA	3741	SOCIOLOGY OF DEATH AND DYING	This course explores the structure of human response to death, dying, and bereavement with a focus on sociocultural and interpersonal context. The course explores how cultural and medical factors shape experience of a "good death," grief over the life course, functions of funeral practices, and death-related ethical debates such as physician assisted suicide.	I
Social Sciences and Public Policy	Sociology	SYA	4300	METHODS OF SOCIAL RESEARCH	This course is a broad coverage of research design, data collection, and data analysis.	I
Social Sciences and Public Policy	Sociology	SYA	4010	SOCIOLOGICAL THEORY	This course introduces the student to the kind of theory that has developed in the field of sociology since its foundation, moving through to the contemporary scene. Major theoretical fields, major theorists, and dominant theoretical issues that continue to be part of the sociological approach to explanation are covered.	I
Social Sciences and Public Policy	Sociology	SYA	4936	SOCIOLOGY SKILLS SEMINAR	This seminar course helps students answer the question "What can I do with a degree in sociology?" Students learn to apply their sociological imagination and sociological perspective to help them determine what they want to do after graduation.	I
Social Sciences and Public Policy	Sociology	SYD	3374	CULTURE AND SOCIETY	This course explores the meanings of culture in contemporary U.S. society, with a focus on cultural representation, cultural products, and cultural (re)production. Students are introduced to sociological, feminist, critical race, and queer theoretical perspectives on "taste" (also known as cultural capital), power, and cultural representation, emphasizing how culture shapes our experiences and understandings of socially constructed phenomena such as class, race, sexuality, and gender.	I

Social Sciences and Public Policy	Sociology	SYD	2740	Sociology of Law and Hispanics	This course examines the minority group status of Hispanics and Hispanic subgroups using a sociology of law lens. The course is a hands-on gathering of research-based studies and social-demographics on past and current political representation, effects of legislative and judicial decisions, and legal training on the American experience of Hispanics. The course also traces the processes of minority creation for four categories of Hispanics: Mexicans, Puerto-Ricans, Cubans, and Central/South Americans, as well as their process of subordination since their entry to USA.	I
Social Sciences and Public Policy	Sociology	SYD	4510	ENVIRONMENTAL SOC	This course examines the larger social forces that shape our natural environment; the social foundations of environmental problems; and the social responses to environmental issues, conflicts, and movements.	F
Social Sciences and Public Policy	Sociology	SYD	3800	SEX AND GENDER	This course examines how gender, as an identity, interaction, institution, and inequality, influences individuals' lives and organizes society.	I
Social Sciences and Public Policy	Sociology	SYD	3020	POPULATION & SOCIETY	This course examines the causes and consequences of population change in the United States and the world with an assessment of the impact of demographic change on various social institutions.	F
Social Sciences and Public Policy	Sociology	SYD	4730	AFRICAN AMERICANS IN MODERN SOCIETY	This course examines the African-American experience in the U.S. with the goal of understanding how historical conditions and events shaped current circumstances. Focus is on African-Americans as situated in all major institutions (economy, polity, family, education, religion, welfare, military, criminal justice) and the consequences of their placement. The course applies sociological theories of race/ethnicity to past and current developments.	I
Social Sciences and Public Policy	Sociology	SYD	3600	CITIES IN SOCIETY	This course takes a global perspective on the transformation of prehistoric, non-urban groups to contemporary urban societies. Students obtain background knowledge about our "global village" and how we arrived in it, along with analytical skills that allow them to evaluate and address fundamentally new cultural, political, and economic challenges posed by our increasingly urbanized and interconnected world.	F
Social Sciences and Public Policy	Sociology	SYD	4700	RACE AND MINORITY GROUP RELATIONS	This course explores historical and contemporary race relations in the United States from a sociological perspective. Specifically, students study the underlying issues that characterize the relations between and among different ethnic and racial groups in the United States.	I
Social Sciences and Public Policy	Sociology	SYG	3244	Social Recipes: Exploring Italian Society Through Food	Focusing on Italy, this course uses food as a lens through which to learn about key elements of any society, including its systems of inequality, social institutions, and social relationships. Our exploration will incorporate all aspects of food & its production, distribution, and consumption.	F
Social Sciences and Public Policy	Sociology	SYG	3245	Sociology of Food	This course examines the processes involved in food production, distribution, and consumption. Students use sociological frameworks for understanding how the social structural forces at play in influencing how we eat and how the food industry influences our lives.	F
Social Sciences and Public Policy	Sociology	SYG	2010	SOCIAL PROBLEMS	This course represents a study of various contemporary social problems in an urbanized society, which may include such topics as education, the family, politics, the economy, race relations, drug use and alcoholism, over-population, and other issues.	I

Social Sciences and Public Policy	Sociology	SYG	2430	SOCIOLOGY OF MARRIAGE AND THE FAMILY	This course focuses on marriage and family relationships over the life course. Topics covered include dating, love, sexuality, cohabitation, marriage, divorce, reconstituted families, parenting, and marital and family relationships in later life. The major course objective is to critically analyze some of our most private social relationships from a sociological perspective.	I
Social Sciences and Public Policy	Sociology	SYG	1000	INTRODUCTORY SOCIOLOGY	This course is an introduction to the fundamentals of sociology. In the course, emphasis is placed on exposure to the basic findings of empirical research studies in a wide range of areas traditionally examined by sociologists.	I
Social Sciences and Public Policy	Sociology	SYO	3460	SOCIOLOGY OF MASS MEDIA	This course provides a sociological view of mass communications by critically examining the origin, history, and functions of the American mass media and its effect on social life.	I
Social Sciences and Public Policy	Sociology	SYO	3100	FAMILIES AND SOCIAL CHANGE	This course is a basic sociological approach to conditions, issues, and problems of familial organization within the context of changing institutional structures of modern society. Attention is given to such questions as: How have spouse roles changed, and why? How do changes in the organization of work affect family experience? How are family and kinship patterns affected by an aging population? etc.	I
Social Sciences and Public Policy	Sociology	SYO	4300	SOCIOLOGY OF POLITICS	This course deals with American political institutions, political organizations, pressure groups, and the public's participation in political processes. Discussion focuses on current political issues from a sociological perspective.	I
Social Sciences and Public Policy	Sociology	SYO	4374	GENDER, WORK, AND FAMILY	This course examines the forces that create, reproduce, and erode inequalities centering on gender, work, and family. The course requires a critical perspective analyzing the cultural and structural forces that generate and sustain the gender gap in the professional and domestic domains.	I
Social Sciences and Public Policy	Sociology	SYO	5450	Gendered Bodies Over the Life Course	This course integrates three areas of sociological research (gender and sexuality, bodies, and health) to examine how gender is woven into embodiment over the entire life course.	I
Social Sciences and Public Policy	Sociology	SYO	4402	MEDICAL SOCIOLOGY	This course explains why and how social structure influences the distribution of health and illness and illustrates how the medical care system is organized and responds.	I
Social Sciences and Public Policy	Sociology	SYO	4461	NEW MEDIA AND SOCIAL CHANGE	This course surveys some of the research outlining the influence of mass media on individuals, institutions, and culture. The course pays attention to both "old" media (e.g., television and newspapers) and "new" media (e.g., websites, and social media) and broadly explores how technological changes effect social institutions and society.	I
Social Sciences and Public Policy	Sociology	SYO	6255	Race and Class in Education	This course provides an overview of several central themes in the sociology of education -- the relationship between educational systems and capitalism, trends in educational inequalities, school segregation, attempts to reform public education, and educational inequality in comparative perspective.	F
Social Sciences and Public Policy	Sociology	SYO	3530	SOC CLASS & INEQUAL	This course explores the origins and organization of social movements, the dilemmas and challenges facing social movements, the relationship between social movements and political institutions, and the role of social movements in causing social change.	F
Social Sciences and Public Policy	Sociology	SYO	4250	SOCIOLOGY OF EDUCATION	This course presents a sociological approach to the study of education as a social institution, its structure, functions, and role in contemporary life.	I

Social Sciences and Public Policy	Sociology	SYO	3200	SOCIOLOGY OF RELIGION	This course focuses on the basic sociological perspective of the social organization and forms of religious life in modern society. In the course, religious groups are studied as organizations that contribute to social stability, social conflict, and social change.	I
Social Sciences and Public Policy	Sociology	SYP	3000	SOCIAL PSYCHOLOGY OF GROUPS	This course represents the study of social psychology from a sociological perspective. Specifically, it is an analysis of the influence of groups and the individual on each other, including the study of norms, group pressure, leadership, motivation, and social personality.	I
Social Sciences and Public Policy	Sociology	SYP	3450	SOCIOLOGY OF LAW	This course examines the interrelationship between the legal order and the social order. Limitations of civil and criminal law for conflict management and for implementation of social policy are considered.	I
Social Sciences and Public Policy	Sociology	SYP	5738	Aging Policies and Services	This course examines current federal and state policy, and the dilemmas faced by older people for which these policies are needed. The course uses both political economy and the long term care continuum including independence and dependence to examine these policies and dilemmas. The course addresses policy implementation and impact from the perspective of the political arena, and the impact on the aged and their families. Some examples of policy issues include income security, health insurance, transportation, and dementia care.	F
Social Sciences and Public Policy	Sociology	SYP	3730	AGING AND THE LIFE COURSE	This course introduces students to aging from a variety of perspectives, integrating information from various social science disciplines. This course focuses on several important areas of theory and research, including the way older people interface with society and the tools used to study older adults and aging processes.	I
Social Sciences and Public Policy	Sociology	SYP	3350	COLLECTIVE ACTION AND SOCIAL MOVEMENTS	This course explores the origins and organization of social movements, the dilemmas and challenges facing social movements, the relationship between social movements and political institutions, and the role of social movements in causing social change.	I
Social Sciences and Public Policy	Sociology	SYP	4062	SEXUAL AND REPRODUCTIVE HEALTH	This course examines a number of sexual and reproductive health issues and may include topics such as demographic trends in fertility; the social construction of sexual and reproductive health; reproductive rights; the medicalization of sexual functioning; and the effects of racism, poverty, and sexism on sexual health and reproduction.	I
Social Sciences and Public Policy	Sociology	SYP	4650	SPORTS AND SOCIETY	This course explores the topic of sport from a critical perspective focusing especially on inequalities in gender, race, class, and power. This class jointly examines sports as a social mirror that reflects status inequalities as well as the role of sports in perpetuating social inequalities.	I
Engineering	Civil and Environmental Engineering	TTE	4804	Highway Geometric Design	This course covers principles and procedures for the geometric design of highways and streets, consideration of traffic, land use, and aesthetic factors.	I
Engineering	Civil and Environmental Engineering	TTE	5501	TRANSPORTATION ECONOMICS	This course provides an introduction to transportation economics and financial aspects of transportation policy and planning, stressing the demand, supply and other economic issues. Microeconomics concepts that are critical for transportation systems will be extensively studied with a focus on the transportation demand and supply models, discrete choice analysis, cost models, traffic congestion and pricing.	I

Engineering	Civil and Environmental Engineering	TTE	5305	TRANSPORTATION SYS ANALYSIS	This course provides an extensive introduction for complex multi-modal transportation systems and their components with a focus on transportation planning, economics, modeling, investment, operations and maintenance. Topics covered include network analysis, optimization techniques, demand and supply models, simulation practices, planning and forecasting models and other social, political and economic aspects of the transportation system. Emphasis is given to the tie between the theory and practice with a focus on the sustainability and resiliency of the critical infrastructure.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4104	Consequences of Planning	In this course, students develop and hone skills essential for the effective practice of planning by harnessing the full diversity of viewpoints within a community to achieve sustainable policy change. Students familiarize themselves with a broad range of research in the academic and professional literature that impacts day-to-day planning practice.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	3000	INTRO PLANG/URBN DEV	This course introduces planning concepts and the role of planning in formulating policy, meeting critical problems, and shaping the future urban environment.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4022	COLLECTIVE DECISIONS	This course provides an introduction to planning as a collective decision-making tool, and introduces the concepts of efficiency, equity, and environmental quality as competing bases for public decisions. The course examines tools for contributing to public decisions in varying circumstances, including unitary and diverse decision makers, certain and uncertain environments, and simple and complex goals.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4423	ENVRNM PLN/RESOR MGT	This course is a general introduction to the problems of resource management and environmental planning, with an overview of problems and potential solutions and their relation to other public policy areas such as land-use control and regional development.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5272	URBAN INFORMATION	This course is designed to provide students with an understanding of how geographic information systems can be applied to planning practice and research. Students are introduced to the basic concepts, structures, and functions of geographic information systems and their applications to planning research and practice as well as to effective communication of planning information through electronic and print media.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	4715	Bike and Pedestrian Planning	In this course, students consider how increasing pedestrian and bike activity can make our communities healthier, more equitable, and is less damaging to the environment. This course explores the various ways that non-motorized travel (i.e., walking and biking) can be made more desirable and safe. This includes planning, design, and implementation of 1) bike and pedestrian facilities/networks, 2) a built environment that supports non-motorized travel, and 3) promotional and educational programs.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	5445	CLIMATE CH AND COMM RESILIENCE	This course introduces students to key themes, concepts and debates that shape the intersections of climate change vulnerability, disaster risk and adaptive community resilience.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5422	COASTAL PLANNING	This course examines the planning and management of coastal environments including coastal geomorphic processes, coastal ecosystems, legal structures, and regulatory strategies. Issues include shoreline protection, critical lands management, provision of public utilities, public access, and sea level rise.	F

Social Sciences and Public Policy	Urban and Regional Planning	URP	5123	COLLABORATIVE GOVERN	This course prepares students to effectively build censuses and to resolve conflicts involving building permits, locally unwanted land uses, environmental regulations, community visions, projects, programs, allocation of public funds and services, intergovernmental battles, and controversial agency rules. The course also explores constructive alternatives to unilateral or adversarial methods of decision-making that often drain public and private resources unnecessarily, damage important relationships, and either result in less than ideal solutions or fail to resolve the disputes at all.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5059	COMM INVOLVE AND PARTICIPATION	This course develops the skills and perspectives for determining why and how to engage citizens in public decisions, moving along the spectrum of participation from informing to consulting, involving, collaborating and empowering. The course provides practical skill development in community engagement processes, design, and methods.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	5312	COMP PLN GROWTH MNGT	This course is an introduction to the problems and needs for growth management and comprehensive planning in U.S. cities, covering public and private perspectives on development and growth management, state and national institutions involved in development, and planning approaches available for meeting the growth management problem.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5540	ECONOMIC DEVELOPMENT	This course analyzes strategies and tools for developing employment and investment in state and local economies. Considers programs targeted to depressed urban neighborhoods, rural communities, downtown commercial areas and specific business sectors.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5421	ENVIRN PLN RESCE MGT	This course provides a general introduction to the related problems of resource management and environmental planning through an overview of problems, potential solutions, and their relation to methodologies, existing institutions, and other public policy areas such as land-use controls and regional development. Students are expected to become familiar with a series of fundamental concepts from environmental science and engineering, environmental economics, and environmental politics that are important to evaluating alternatives courses of action. Students also gain familiarity with the basic analytic approaches to valuing and comparing environmental projects, plans, and policies.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4408	FOOD SYSTEMS PLANNING	This course provides a contextual understanding of food systems in the formation of cities, the impacts of food policy on food systems, and planning responses to the many challenges that arise in relation to the globalized food system.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5407	FOOD SYSTEMS PLANNING	This course provides a contextual understanding of food systems in the formation of cities, the impacts of food policy on food systems, and planning responses to the many challenges that arise in relation to the globalized food system.	F

Social Sciences and Public Policy	Urban and Regional Planning	URP	3527	GREEN GLOBAL HEALTH	In this course we explore how nature conservation is necessary for the continuation of life on earth with particular attention on the myriad ways that the natural environment and systems support human health, livelihoods, and wellbeing. We will investigate the numerous ecological theories of health and the evidencebased mechanisms by which nature supports human health. We will analyze not only the benefits (i.e. ecosystem services) that the natural environment provides to humans globally but also the local and global effects of human actions on the natural environment, and the disproportionate effects on racial and economic subsets of humanity.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5847	GROWTH/DEV OF CITIES	This course is an introduction to the various economic, social, demographic, technological, political, and environmental factors affecting the location, development, and growth or decline of cities, as well as the distribution of activities (industry, commerce, population, public facilities) within them.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5355	INT TRANSP PLANNING	This course provides an overview of the broad area of international transportation planning. The course features analyses of a number of specific case studies of transportation planning from around the world, including from Europe, Canada, China, India, Russia, Africa and the developing world, and includes analytical exercises that are relevant to growing international transportation planning challenges.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5610	INTRO TO DEV PLNG	This course analyzes the problems of developing countries as integral parts of a more general process of the development of human societies on a global scale. The approach to the issues and problems of development is spatial. Such an approach permits consideration of the economic, social, political, and cultural aspects of the development process within an interdisciplinary framework, focusing on urban and regional development as embodiment of concerns with the general quality of human life and the natural environment. The process of development as it goes on in all countries is examined by a focus on the set of conditions leading to problems of development in most societies and on the nature of development paths which have been pursued by other nations as they seek to transform their national spatial structures.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5316	LAND-USE PLANNING	This course focuses on preparation of the urban land-use plan including data collection; evaluation of location, market, and environmental factors; and balancing of stakeholder interests.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5717	METH TRANS PLNG	This course provides students with a basic hands-on exposure to the principal tools of transportation demand forecasting, including both elasticity-based analyses and the more elaborate techniques incorporated into the urban transportation modeling system (UTMS, also known as the four-step model).	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5425	METHS ENVIRON ANALYS	This course examines available methods of environmental impact analysis and control. Primary emphasis is placed on water quality, wastewater treatment, and air pollution control, although topics such as noise and solid waste pollution are also considered.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4811	MULTICULTURAL URBANISM	This course studies past, present, and future urban geographies and the impact urban social and economic policy have on social equity. Students learn the significance of race, gender, ethnicity and Identity in urban development and urban life.	F

Social Sciences and Public Policy	Urban and Regional Planning	URP	5805	MULTICULTURAL URBANISM	This course deepens students' understanding of the urban cultural, social and economic landscape. Students explore the historical formation of cultural enclaves stemming from immigration, migration, slavery and segregation. The course also explores the formation of spatial organization stemming from policy and social dynamics related to race, ethnicity, gender and sexual identity as well as the present-day implications of multicultural urban spaces.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5743	NEIGHBORHOOD PLAN	This course focuses on ways in which planning can enable neighborhood residents to enhance the attractiveness of their neighborhood. The course is for planners who work with neighborhood groups or are employed by neighborhood organizations or community development corporations.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5350	PEDESTRIAN COMMUNITI	This course consists of examination and application of proposals for the New Urbanism, including prospects for increasing transit use and pedestrian access through land development code changes and multi-use district designations.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5222	PLAN ALT EVALUATION	This course focuses on a systems-analysis approach as a means of analyzing problems and formulating action alternatives. Emphasis is given to techniques of modeling, applied economic analysis, probability and risk, goals achievement, as well as cost benefit and cost effectiveness in the assessment of alternative courses of action.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	5125	PLAN IMPLEMENTATION	This course explores topics such as the legal aspects of plan making, implementation politics, policy implementation, interorganization cooperation, and public participation, under the general rubric of plan adoption and implementation strategies.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	5201	PLAN RES METHODS	This course focuses on the social-science research process in planning. Topics include the linkage between theory and research, conceptualization and operationalization of the research problem, study designs, sampling, data sources and collection techniques, the logic of data analysis, as well as computer use.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	5122	PLANNING DISPUT RESL	This course focuses on how complex regulatory disputes frequently slow public sector decision making and cripple major private sector investments. Parties to disputes such as location of locally unwanted land uses, setting of air and water quality standards, and evaluation of urban and transportation plans frequently fail to cooperate to achieve the best possible outcome. The course examines why this is so and tries to develop the skills necessary for individuals to improve the outcome in contentious decision making.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5731	PLNG COMM INSTRASRU	This course examines issues and techniques in planning for community infrastructure. Emphasis is placed on capital intensive infrastructure systems, but other services and facilities are covered. Considerable attention is devoted to analyzing variations in demand for infrastructure associated with land use types, intensities, and spatial form.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4618	PLNG FOR DEV COUNTRY	This course introduces the student to the field of development planning and gives the student exposure to the interplay between theory and practice. Topics include concepts of development, measurement and indicators of patterns of development, rural development, urban development, preparation of development plans, and implementation of development plans.	F

Social Sciences and Public Policy	Urban and Regional Planning	URP	5616	PROJ PLNG IN LDCS	This course utilizes the project cycle and uses it as a reference point to discuss the following issues: problem identification and basic needs assessment, feasibility studies, selection of most appropriate activities, implementation and evaluation of results. The course also explores the implications for blueprint vs. process oriented approaches to project design and implementations.	I
Social Sciences and Public Policy	Urban and Regional Planning	URP	4404	RIVER BASIN PLANNING	This course introduces river basin management and planning and takes a systematic approach from biological, hydrological, and geopolitical viewpoints. Special emphasis is placed on the planning and management of transboundary (interstate and international) basins. The focus is on world river basin systems as well as on the local Apalachicola-Chattahoochee-Flint basin. Students are introduced to technical concepts and tools, including negotiation and math simulation tools.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5405	RIVER BASIN PLANNING	This course introduces river-basin management and planning and takes a systemic approach from biological, hydrological, and geopolitical viewpoints. Special emphasis is placed on the planning and management of transboundary (interstate and international) basins. The course focuses on world river-basin systems as well as on the local Apalachicola-Chattahoochee-Flint basin. Students are introduced to technical concepts and tools, including negotiation and math simulation tools.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	6846	SEMINAR URBAN THEORY	This course concentrates on the urban theory component of urban and regional theory, referring to the patterns and processes of development within cities. An emphasis is placed on the theories of human ecology, economics, and geography, and the translation of these theories into a planning perspective.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5611	STRATEGIES FOR LDCS	This course provides an overview of the evolving development policies concerned with the spatial location of people and economic activities. This course encourages students to analyze and critique the social and economic implications of various policies, and to develop alternative strategies for attaining development objectives.	F
Social Sciences and Public Policy	College of Social Sciences and Public Policy	URP	4612	Strategies for Urban & Regional Planning in Less Developed Countries	This course provides an overview of the evolving development policies concerned with the spatial location of people and economic activities. The course encourages students to analyze and critique the social and economic implications of various policies, and to develop alternative strategies for attaining development objectives.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5424	SUSTAINABLE DEVELMNT	This course examines various dimensions of the "sustainable development" paradigm and its local-global policy implications, issues, and controversies with a focus upon North America and Latin America. Organized in three modules: 1) environmental philosophies that have influenced the movement; 2) North American approaches to planning for sustainable development; and 3) critical issues of sustainable development in Latin America.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	4402	SUSTAINABLE DEVLPMNT	This course examines various dimensions of the "sustainable development" paradigm and its local-global policy implications, issues, and controversies with a focus upon North American and Latin America. The course is organized into three modules: 1) environmental philosophies that have influenced the movement; 2) North American approaches to planning for sustainable development; and 3) critical issues of sustainable development in Latin America.	F

Social Sciences and Public Policy	Urban and Regional Planning	URP	4710	TRANS ISUS/TRNS PLNG	This course is an introduction to contemporary U.S. transportation problems, sources of funding, and legislation. Presents the theory and methods employed by planners in the process of resolving transportation problems.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5716	TRANSPORT & LAND USE	This course addresses the land use implications of transportation investments and explores strategies for transportation and land use planning that are environmentally sound, socially efficient, and equitable.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5711	TRNSPORTATN PLNG PRO	This course is an introduction to various aspects of contemporary U.S. transportation problems, sources of funding, and legislation. The course also presents theory and methods employed by planners in the process of resolving transportation problems through investment decision plans.	F
Social Sciences and Public Policy	Urban and Regional Planning	URP	5881	URBAN DESIGN	This course offers students the knowledge and skills necessary to understand and determine the physical planning and design of urban places. Topics cover key issues in contemporary urban design, planning, and architecture, with a focus on the form of the city and current trends in urban design practice. The course also provides students with a critical understanding of the wider social and environmental impacts on the shape, structure, and design of historic and contemporary urban projects and developments.	F
Social Sciences and Public Policy	Urban and Regional Planning	URS	1006	WORLD CITIES	In this course, major world cities are examined in terms of their natural, social, and built environments in order to assess those factors that promote quality-of-life and sustainability. Prospects for future growth and change are considered in light of demographic, cultural, economic, and political trends.	F
Arts and Sciences	History	WOH	2030	The Modern World Since 1815	This course deals with the origins and development of political, economic, social, and intellectual antecedents in the modern world since 1815. Students who have previous college credit in Western civilization courses covering the same general chronological period cannot receive credit for this course. May not be taken by students with test credit in European history.	I
Arts and Sciences	History	WOH	3440	History of Refugees, 0-2000	This course studies past episodes of refugee displacement and accommodation in order to gain insight into the refugee dilemmas of today. A central theme of the course is the definition of who counts as a refugee. The course will explore how societies over the past two millennia have decided which foreigners should be sheltered.	I
Arts and Sciences		WST	4613	Contemporary Gendercide	This course teaches students about contemporary gendricides, or the systematic killing of members of a specific sex. The course discusses both femicide (the killing of women) and androicide (the killing of men). Throughout this class, students examine instances of gendercide in the 20th and 21st centuries and explore the reasons for this phenomenon.	I
Arts and Sciences		WST	5616	Contemporary Gendercide	This course teaches students about contemporary gendricides, or the systematic killing of members of a specific sex. The course discusses both femicide (the killing of women) and androicide (the killing of men.) Throughout this class, students examine instances of gendercide in the 20th and 21st centuries and explore the reasons for this phenomenon.	I

Arts and Sciences	Biological Science	ZOO	4454C	BIOLOGY OF FISHES	This course provides an overview of the systematics, morphology, ecology, behavior, physiology, and life history of the most diverse group of vertebrates on earth, the fishes. It includes conservation and management issues and laboratory exercises balanced with field trips to different northwest Florida habitats, including freshwater springs, salt marshes, seagrass beds, and offshore reefs.
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