

Undergraduate Sustainability Courses Inventory Results FY 2017			
	Total Courses Offered	Sustainability Courses	Courses that include Sustainability
Total	4989	203	1165
%Total	100	4.07	23.35

Graduate Sustainability Courses Inventory Results FY 2017			
	Total Courses Offered	Sustainability Courses	Courses that include Sustainability
Total	4966	138	754
%Total	100	2.78	15.18

Color Key	
Sustainability Courses	
Courses with Sustainability	

DEPARTMENT	CRSEID	COURSE	U/G	CRSE TITLE	CRSE DESCRIPTION
Agricultural and Applied Econ	198	AG_EC 73	G	Environmental Law and Policy	Legislative, administrative, and common law dealing with the environment. Introduces the fundamental concepts and classic issues underlying the body of law and policy dealing with the environment. Includes air and water quality, endangered species preservation, land use, and waste disposal. Prerequisites: For non-law students. Recommended AG_EC 2156, AG_EC 3256 or AG_EC 3257.
Agricultural and Applied Econ	198	AG_EC 73	G	Environmental Law and Policy	(cross-leveled with AG_EC 4356). Legislative, administrative, and common law dealing with the environment. Introduces the fundamental concepts and classic issues underlying the body of law and policy dealing with the environment. Includes air and water quality, endangered species preservation, land use, and waste disposal. Prerequisites: Instructor's consent. Recommended AG_EC 3256, senior or graduate standing. For non-law students.
Agricultural and Applied Econ	179	AG_EC 79	G	Agri-Food Business and Cooperative Management	(cross-leveled with AG_EC 4972). Risk management in the global agrifood chain, including managing the unique uncertainties of biological production processes, global market analysis, and government intervention, of risk management tools and institutions unique to strategic decision making in agribusiness and cooperative firms. Prerequisites: AG_EC 4971 and AG_EC 3286 or MANGMT 3000. Recommended: AG_EC 3256.

Agricultural and Applied Econ	218	AG_EC 83	G	Regional Development Issues and Analysis	(same as PUB_AF 8350). Examines theories of regional growth and development and methods for analysis with applications to current policy issues. Topics include firm location, new economic geography and agglomeration theory, clusters, human capital, migration, social capital, tax and development incentives, and sustainable regional development. Prerequisites: ECONOM 7351 or PUB_AF 8190 or equivalent.
Agricultural and Applied Econ	202	AG_EC 84	G	Natural Resource and Environmental Economics	Contemporary natural resource/environmental problems; natural resource capacity, alternative economic theories, property rights, externalities, market failures, efficient use of exhaustible and renewable resources, and economics of environmental pollution. Prerequisites: ECONOM 7351.
Agricultural and Applied Econ	231	AG_EC 84	G	International Agricultural Development Policy	An analytical review of economic policies directed toward stimulating agricultural development in the world's low income countries. Prerequisites: ECONOM 7351 and ECONOM 7353.
Agricultural and Applied Econ	241	AG_EC 84	G	Society and Ecosystems Research Seminar	(same as RU_SOC 8448 and NAT_R 8448). This seminar, capstone for the Graduate Certificate Program in Society and Ecosystems, exposes students to interdisciplinary research on interactions between social, economic and ecological systems.
Agricultural and Applied Econ	16329	AG_EC 86	G	Economic and Sociological Approaches to Collective Action	(same as RU_SOC 8610). This course identifies analytical and methodological tools, including rational choice and social capital, to deal with practical problems of collective action in: agricultural cooperatives, rural community development, political interest groups and other mutuals. Prerequisites: AG_EC 7972.

Agricultural and Applied Econ	19760	AG_EC 88	G	International Comparative Rural Policy	(same as PUB_AF 8860). Compares the rural policy objectives and implementation strategies of various countries, and assesses these policies in terms of economic, social, environmental outcomes and their implications for international relations. Includes 2-weeks of study Abroad. May be repeated for credit. Graded on A-F basis only. Prerequisites: instructor's consent.
Agricultural and Applied Econ	18795	AG_EC 90	G	Advanced Microeconomics Theory and Applications I	First semester course that rigorously examines the microeconomic theory of producer and consumer behavior, combined with applications of the theoretical concepts to empirical economic research on agricultural, business, development, and environmental issues. Graded on A-F basis only. Prerequisites: ECONOM 7351 or instructors consent.
Agricultural and Applied Econ	223	AG_EC 92	G	Welfare and Consumption Economics	Introduces welfare economic principles; application to problems of resource allocation. Appraises economic policies, programs; consumers' choice; measurement of consumption; living standards; household decisions and markets relation. Prerequisites: ECONOM 8451 or instructor's consent.
Agricultural and Applied Econ	229	AG_EC 92	G	Food, Agricultural and Rural Policy	Application of welfare economics theory to food, agricultural and rural development policy analysis. Historical perspective and economics analysis of contemporary issues in national and international policy and institutions. Prerequisites: ECONOM 7351 and AG_EC 9230.
Agricultural and Applied Econ	227	AG_EC 95	G	Economics of Agribusiness Markets	Relationships of neoclassical and new institutional economics to designing organizational strategy and structure. Internal coordination and structure, organizational boundaries, and competitiveness and sustainability of food system organizations. Prerequisites: AG_EC 8050.

Agricultural Ed and Leadership	21138	AG_ED_LD	G	Leading Organizational and Community Change	(cross-leveled with AG_ED_LD 4240). This course provides the diagnostic and strategic foundations for students to enact leadership in organizational and community contexts. Designed for undergraduate students and graduate-level professionals alike, this course increases a student's capacity to lead with or without authority, and with or without a formal organizational or political position. The course is based heavily on Heifetz's Adaptive Leadership theory, which challenges individuals to think beyond individual, role-based leadership skills and behaviors when enacting change in systems, such as organizations and communities.
Agricultural Systems Managemnt	462	AG_S_M 7	G	Topics in Agricultural Systems Management	Initial offering of a course in a specific subject matter area related to Agricultural Systems Management. The course is offered when proposed by a faculty member in that area of expertise.
Agricultural Systems Managemnt	391	AG_S_M 7	G	Problems in Agricultural Systems Management	Supervised individual study at the graduate level.
Agricultural Systems Managemnt	378	AG_S_M 7	G	In-Service Course Agriculture Systems Management-Farm Power and Machinery	A. Farm Power and Machinery B. Farm Buildings and Conveniences C. Soil and Water Management D. Rural Electrification and Processing E. Agricultural Construction and Maintenance Basic principles relating to agricultural systems management. Applies principles and subject matter in successful classroom presentation at the high school level. Prerequisites: 10 credits from Agricultural Systems Management courses; a B.S. degree in Agriculture or instructor's consent.
Agricultural Systems Managemnt	392	AG_S_M 8	G	Problems in Agricultural Systems Management	Supervised individual study at the graduate level.
Agricultural Systems Managemnt	396	AG_S_M 8	G	Thesis Research in Agricultural Systems Management	Independent investigation to be presented as a thesis. Graded on a S/U basis only.
Agricultural Systems Managemnt	397	AG_S_M 9	G	Thesis Research in Agricultural Systems Management	Independent investigation to be presented as a thesis. Graded on a S/U basis only.

Anthropology	955	ANTHRO 7	G	Ecological and Environmental Anthropology	(cross-leveled with ANTHRO 4320). Cultural anthropological approaches to human-environment interaction; cultural adaptations to diverse environments; theoretical developments and current issues; cultural, social, and historical contexts of natural resource use.
Anthropology	927	ANTHRO 7	G	Prehistory of Mesoamerica	(cross-leveled with ANTHRO 4650). Covers the archaeology and prehistory of Mesoamerica (Mexico and Northern Central America). Emphasis on archaeological evidence for development of human societies from late Pleistocene hunting bands to complex agricultural civilizations encountered by Europeans in 1500s.
Anthropology	933	ANTHRO 7	G	Mesolithic, Neolithic, and Bronze Age Archaeology	(cross-leveled with ANTHRO 4720). Analysis of both hunter-gatherer and food-producing prehistoric sociocultural systems in western Eurasia and adjacent areas from the end of the Pleistocene until the development of iron metallurgy. Includes the symbolic material of these periods.
Anthropology	1017	ANTHRO 8	G	Seminar in Ecological Adaptation	Relationships and interactions between humans and their environments, with emphasis on the physical and cultural adaptations to environment. May be repeated to 9 hours maximum.
Architectural Studies	17727	ARCHST 7	G	Sustainable Technologies and Systems	An in-depth study of ecologically-sensitive and energy-efficient strategies used in buildings and interiors.
Architectural Studies	7207	ARCHST 7	G	Environment and Behavior	Evaluate relationships between human behavior and environmental design. Survey of environment and behavior theoretical foundations examining how these concepts translate into a more responsive theory of design.
Architectural Studies	7215	ARCHST 7	G	Housing Concepts and Issues	Evaluate housing policies, regulations, codes, programs; global and ecological perspectives of environment and behavior; historic preservation; financial issues; trends and projections.
Architectural Studies	7226	ARCHST 7	G	Internship in Environmental Design	Field experience in design under professional and educational supervision. Graded on S/U basis only. Prerequisites: instructor's consent.

Architectural Studies	7221	ARCHST 7	G	Readings in Environmental Design	Readings in recent research materials.
Architectural Studies	7232	ARCHST 8	G	Topics in Environmental Design	Selected current topics in field of interest.
Architectural Studies	7227	ARCHST 8	G	Problems in Environmental Design	Prerequisites: 4000-level course in field of problem and instructor's consent.
Architectural Studies	7237	ARCHST 8	G	Master's Research in Environmental Design	Independent research leading to a creative project. Graded on S/U basis only.
Architectural Studies	5044	ARCHST 8	G	Graduate Environmental Analysis	Analysis of design principles and organizational factors operating in a building by means of dissection. Volumetric disposition, circulation pattern, axes, structural system, materials, purpose, and symbolism.
Architectural Studies	5060	ARCHST 8	G	Philosophy of Environmental Design Research	Formal environmental design theory concerning historical precedents, current aesthetic trends, and design processes. Assignments investigate philosophical influences, architectonic vocabularies, and communication of idea and artifact. May be repeated up to 12 credit hours.
Architectural Studies	7229	ARCHST 8	G	Seminar in Environmental Design	Reports, discussion of recent work in area of concentration.
Architectural Studies	7231	ARCHST 8	G	Readings in Environmental Design	Readings in recent research materials. Prerequisites: ARCHST 4960 or ARCHST 7960.
Architectural Studies	7233	ARCHST 9	G	Topics in Environmental Design	Selected current topics in field of interest.
Architectural Studies	7228	ARCHST 9	G	Problems in Environmental Design	Prerequisites: 4000-level course in field of problem and instructor's consent.
Architectural Studies	7238	ARCHST 9	G	Doctoral Research in Environmental Design	Independent research leading to thesis or dissertation. Graded on a S/U basis only.
Architectural Studies	1049	ARCHST 9	G	Recent Trends in Environmental Design	For students seeking additional knowledge and understanding in specific subject matter areas.
Art History and Archaeology	1387	AR_H_A 7	G	American Material Culture	(cross-leveled with AR_H_A 4820). An exploration of American material culture from a multidisciplinary perspective. Prerequisites: instructor's consent.
Art History and Archaeology	1398	AR_H_A 8	G	Historic Preservation Seminar	Research techniques to solve research problems and conduct field recording in historic preservation, material culture, historic architecture, and cultural heritage studies. Prerequisites: instructor's consent.

Black Studies	19766	BL_STU 72	G	Women, Development, and Globalization	(same as SOCIOL 7230; cross-leveled with BL_STU 4230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities."
Black Studies	21019	BL_STU 73	G	The Wire: Race, Urban Inequality, and the "Crisis" of the American City	(same as HIST 7235; cross-leveled with HIST 4235, BL_STU 4335). The HBO series "The Wire", a crime drama based on the border city of Baltimore, exposed the interlocking, structural realities giving shape to the landscapes, neighborhoods, and lived experiences of urban America during the early twenty-first century. Through vivid storytelling, "The Wire" complicates understandings of the "urban crisis" through a focus on the inner workings of major institutions such as the media, public schools, politics, underground economies, public housing, and the criminal justice system and on the ways in which poor and working-class black residents negotiate power and survival. Using the cable series as a lens, this class offers students the opportunity to critically examine the historical, economic, social, and political dimensions of urban inequality."
Black Studies	18633	BL_STU 82	G	Race, Ethnicity, and Transnational Inequalities	(same as SOCIOL 8277). This graduate seminar examines the global contest of our radicalized modern world system. How do people develop and give meaning to race/ethnicity in different regions? Focus on the construction of bodies Creole identities, gender, sexualities, citizenships and immigration. Graded on A-F basis only.

Black Studies	20257	BL_STU 85	G	Ecology, Conservation, and Environmental Justice	(same as F_W 8510). The goal of this course is to introduce graduate students in natural resource management and conservation biology to the ecological and management concepts that underlie environmental justice issues, and to explain how broader environmental justice concepts are relevant to natural resource and conservation fields. Graded on A-F basis only. Prerequisites: One undergraduate course from the following list of disciplines: ecology, natural resource management, conservation biology, sociology or equivalent.
Civil/Environmental Engr	19411	CV_ENG 7	G	Civil and Environmental Engineering Legal Issues	Discussion of legal issues facing civil engineers including right of way, risk and liability, environment, financing public works, contracting and ethics. Prerequisites: CV_ENG 3010.
Civil/Environmental Engr	19411	CV_ENG 7	G	Civil and Environmental Engineering Legal Issues	(cross-leveled with CV_ENG 4125). Discussion of legal issues facing civil engineers including right of way, risk and liability, environment, financing public works, contracting and ethics. Prerequisites: CV_ENG 3010.
Civil/Environmental Engr	2322	CV_ENG 7	G	Environmental Regulatory Compliance	(cross-leveled with CV_ENG 4250). Systems of water law; provisions of major federal environmental laws and regulations; development or regulations at the federal, state, and local levels; regulatory frameworks; permits; and enforcement.
Civil/Environmental Engr	2319	CV_ENG 7	G	Environmental Public Policy	(cross-leveled with CV_ENG 4260). Engineering and economic aspects of environmental policy. Basic understanding of environmental statutes and case law. Graded on A-F basis.
Civil/Environmental Engr	2377	CV_ENG 8	G	Land Use Planning	Case study of site planning using systems analysis; feasibility for development or redevelopment; restraints imposed by political, social and economic conditions on land use activity as related to urban and regional relationships. Prerequisites: CV_ENG 4106.
Civil/Environmental Engr	2414	CV_ENG 8	G	Seminar in Environmental Engineering	Review of research in progress in the area of environmental engineering.

Civil/Environmental Engr	19961	CV_ENG 8	G	Environmental Regulatory Policy	Discussion of the various policy aspects of environmental regulation: economic and non-economic impacts of degradation; risk assessment and management; distribution of environmental risks; regulatory tools; federal vs. state; disclosure; enforcement. Relation to environmental laws. Graded on A-F basis only. Prerequisites: CV_ENG 4250 or CV_ENG 7250 or equivalent.
Educ School & Counsel Psych	19751	ESC_PS 87	G	Community and Stewardship	Examines the concepts of community and stewardship, explores the literal roots of the word (common-unity) and our ability to respond (responsibility) to and build our communities. Also explores the connections between altruism, personal well-being, and social stewardship. Prerequisites: ESC_PS 7200.
Environmental Science	19262	ENV_SC 7	G	Agroforestry for Watershed Restoration	Agroforestry for watershed restoration will focus on integrated approaches for improved water quality, soil health, and economic benefits. Students will learn principles and practices, critical analysis and application of agroforestry practices to improve overall environmental quality. May be repeated for credit. Graded on A-F basis only. Prerequisites: FOREST 4385 or FOREST 7385 or permission of instructor.
Environmental Studies	16282	ENV_ST 7	G	Modeling Environmental Problems	Course covers modeling environmental problems as systems. Modeling incorporates rates of change, feedback loops, short/long term signals, inertia, upstream causes, interventions, implementing interventions, unintended consequences and predicting outcomes of major shocks (oil prices, pandemics, climate change). Graded on A-F basis only. Prerequisites: 9 hours natural science.
Fisheries and Wildlife	5525	F_W 7300	G	Fisheries Management	Introduction to the scientific principles and techniques of fishery management. Integrates ecological principles with social, economic and legal considerations. Prerequisites: BIO_SC 3650 and STAT 2530.

Fisheries and Wildlife	5523	F_W 7600	G	Ecosystem Management	Explores the development and implementation of large-scale approaches to restoring and maintaining ecosystems for sustainability. Incorporates ecological, social-economic, and institutional factors that influence natural resource management agencies. Graded on A-F basis only.
Fisheries and Wildlife	19264	F_W 8510	G	Ecology, Conservation, and Environmental Justice	The goal of this course is to introduce graduate students in natural resource management and conservation biology to the ecological and management concepts that underlie environmental justice issues, and to explain how broader environmental justice concepts are relevant to natural resource and conservation fields. Graded on A-F basis only. Prerequisites: one undergraduate course from the following list of disciplines: ecology, natural resource management, conservation biology, sociology or equivalent.
Fisheries and Wildlife	5521	F_W 8560	G	Conservation Biology/Endangered Species Management	In-depth study of the ecological, legal, sociological aspects of the conservation of biodiversity. National and international focus on endangered species conservation; endangered species conservation; review of current literature. Prerequisites: BIO_SC 3650 or equivalent.
Forestry	5490	FOREST 73	G	Forest Ecology	Principles of community, ecosystem, and population ecology and examination of the influence of environmental factors and human activity on forest dynamics, composition, structure and function. Prerequisites: FOREST 2151 or BIO_SC 3210 or instructor's consent.
Forestry	5505	FOREST 73	G	Forest Resource Management	Teaches resource managers how to develop a plan for the management of forest resources using managerial, economic, silvical and wildlife techniques for its enhancement and to meet the landowner's objectives. Prerequisites: FOREST 4330 and FOREST 4350.
Forestry	5600	FOREST 73	G	Agroforestry I: Theory, Practice and Adoption	Understand biophysical, ecological social and economic features of temperate and tropical agroforestry. Covers the basics of design, planning and implementation of agroforestry practices.

Forestry	19293	FOREST 83	G	Ecological Principles of Agroforestry	The course prepares students to develop an understanding of the complexity of agroforestry. Students will critically analyze classical and contemporary ecological theories and apply them in designing agroforestry practices to solve complex production and environmental issues. May be repeated for credit. Graded on A-F basis only. Prerequisites: FOREST 4385 or FOREST 7385 or permission of instructor.
Forestry	5551	FOREST 84	G	Applied Silviculture	Ecological and economic factors affecting application of silviculture in each of eighteen forest regions in United States. Prerequisites: FOREST 4330.
Forestry	5603	FOREST 85	G	Social Forestry	Issues with using forestry as an international development tool; planning, implementing and evaluating farm and community forestry projects. Prerequisites: FOREST 4350, or AG_EC 3270, or equivalent and instructor's consent.
Forestry	5604	FOREST 86	G	Ecosystem Management: The Human Dimension	Overview of cultural, social, political and economic dimensions of natural resource problems and issues from an ecologically grounded management perspective. Prerequisites: NAT_R 4353 or equivalent.
Geography	6056	GEOG 755	G	Selected Themes in Cultural Geography	Case studies in the patterns and processes of human-environmental interactions. Study of the cultural forces responsible for the continual transformation of the earth's cultural landscapes.
Geography	18511	GEOG 756	G	Resources and Indigenous Peoples	(cross-leveled with GEOG 4560). This is a survey of indigenous peoples' struggle to control and use natural resources, to have a say in determining the path of economic development, and to restrain the destructive tendencies of colonialism and capitalism, challenging traditional state-to-state relations.

Geography	6124	GEOG 777	G	Migration and Immigration	<p>As fertility and mortality decline to record low levels, immigration and migration have become the primary components of population change. Changes brought on by immigration to a country and the internal redistribution of population via migration pose challenges to governments, economic development, social and cultural relations, and environmental sustainability. This course explores issues surrounding immigration and migration. Beginning with the demographic overview of immigration, it focuses on the challenges faced by immigrant, sending, and receiving nations in the global migration system. The second part of the course focuses on the array of issues surrounding immigration to the United States, including the socio-economic adaptation of immigrants, the economic and cultural impacts of immigration, and illegal immigration. The third part of the course focuses on internal migration within migration within the US, discussing topics such as migration to the Sunbelt, Great Plains depopulation, poverty migration, migration to the suburbs, and migration's impact on community. Linkages between domestic migration and immigration will also be explored.</p>
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Graduate School	19401	GRAD 702	G	Learning Across Borders Seminar	Social, cultural, and economic problems--and their solutions--are increasingly global and interdisciplinary. Global awareness is essential, therefore, in order to compete in the increasing global marketplace. Coupling professional knowledge and skills with international experience gives graduates a competitive advantage, as employers look beyond the academic transcript for additional skills. The Learning Across Borders seminar (LAB) creates opportunities for graduate students to work across cultures and disciplines. Throughout the academic year students will participate in a series of Think Tanks (interactive discussions facilitated by MU faculty and special guests) and LAB-approved events. Graded on S/U basis only. Prerequisites: Students must register for both semesters.
H S Truman School of Pub Affrs	19970	PUB_AF 8	G	Sustainable Energy Policy	This course examines the concept of sustainability as it applies to energy production and consumption, and explores policy options for achieving sustainable energy use. Prerequisites: PUB_AF 8177. Recommended: Principles of Economics, Instructor's permission.
H S Truman School of Pub Affrs	19761	PUB_AF 8	G	International Comparative Rural Policy	(same as AG_EC 8860). Compares the rural policy objectives and implementation strategies of various countries, and assesses these policies in terms of economic, social, environmental outcomes and their implications for international relations. Includes 2-weeks of study Abroad. May be repeated for credit. Graded on A-F basis only. Prerequisites: instructor's consent.
History	6870	HIST 7070	G	Indians and Europeans in Early America	A study of the cultural, political and often military struggle that took place for control of North America from contact through mid 19th century emphasizing native efforts to resist European domination and expansion in areas that became the U.S. and Canada. Prerequisites: HIST 1100 or equivalent.

History	6836	HIST 7100	G	American Cultural and Intellectual History to 1865	Origins and growth of American values and ideas considered in their social context. Topics include: the work ethic, republican politics, revivalism, reform movements, sexual attitudes, literature in the marketplace, Afro-American and slave-holding subcultures.
History	6839	HIST 7200	G	American Cultural and Intellectual History Since 1865	Tensions and transformations in American culture to the present. Topics include: spiritual crisis in Christianity; rise of welfare state liberalism; socialist and feminist alternatives; literature and the arts.
History	20417	HIST 7235	G	The Wire: Race, Urban Inequality, and the "Crisis" of the American City	(cross-leveled with HIST 4235). The HBO series "The Wire", a crime drama based on the border city of Baltimore, exposed the interlocking, structural realities giving shape to the landscapes, neighborhoods, and lived experiences of urban America during the early twenty-first century. Through vivid storytelling, "The Wire" complicates understandings of the "urban crisis" through a focus on the inner workings of major institutions such as the media, public schools, politics, underground economies, public housing, and the criminal justice system and on the ways in which poor and working-class black residents negotiate power and survival. Using the cable series as a lens, this class offers students the opportunity to critically examine the historical, economic, social, and political dimensions of urban inequality. Graded on A-F basis only."
History	17764	HIST 7280	G	America in the Reagan Years	Examines the major political, economic, social, and cultural currents and developments of the Long Eighties," from Jimmy Carter's "malaise speech" of July 1979 to Bill Clinton's mid-1990s embrace of welfare reform and pronouncement that the era of big government was over."
History	6857	HIST 7430	G	The Great West in American History	Historical development of major regions, with emphasis on response to environment, public land policy, role of government in economic and resource development, citizen action, and cultural pluralism.

History	6867	HIST 7440	G	History of the American Environment	A reading and discussion course exploring diverse responses to the changing American environment from early man to the present, including ecological, institutional, and philosophical aspects.
History	17729	HIST 7480	G	War Crimes and Genocide	This course will explore the development of international law, international consciousness, and U. S. foreign policy on the two distinct but often related issues of war crimes and genocide during the late 19th and throughout the 20th centuries.
History	6772	HIST 7530	G	The Roman Empire	Roman imperialism; management of, and rebellion in, the Empire; cultural exchange between Rome and its provinces.
History	6774	HIST 7540	G	The Later Roman Empire	Political, religious and cultural life in Late Antiquity, from the soldier emperors," to the barbarian kingdoms and early Byzantium."
History	6777	HIST 7550	G	Age of the Vikings	Scandinavia and Scandinavian expansion in the Central Middle Ages. Covers political, economic, religious, and cultural effects of the Viking movement. Prerequisites: consent required. Recommended: HIST 1500, HIST 1540, HIST 1600 or HIST 2560.
History	6783	HIST 7570	G	Intellectual History of Europe, 17th and 18th Centuries	The Enlightenment's attack on traditional Christian thought and values.
History	6785	HIST 7580	G	The "Making" of Modern Europe: Identity, Culture, Empire	(cross-leveled with HIST 4580).This course will explore some of the ideas, institutions and events that shaped modern Western civilization and thought, focusing on Western Europe, but also giving attention to the relationship between the West and the rest of the world. The course will introduce topics such as the rise of, nationalism, the cult of science, scientific racism and sexism, consumer mass culture, fascist ideology, existentialism, psychoanalysis, the modern city, gender and sexuality. Graded on A-F basis only.
History	6790	HIST 7590	G	Stuart England	Treatment of period covering social, political, religious, imperial development.

History	6809	HIST 7670	G	From the Holy Roman Empire to the First World War: German History, 1750-1918	(cross-leveled with HIST 4670). Cultural, social and political history of Central Europe from 1800 to 1914. A case study in incomplete modernization, focused on industrialization, unification, cultural crisis and imperialism.
History	6663	HIST 7800	G	Modern China and Japan: War, Imperialism and Memory	(cross-leveled with HIST 4800). This course examines the interaction between Japan and China since the late nineteenth century in an effort to understand deeper historical reasons behind the rising tension in East Asia at the present time.
History	6929	HIST 8001	G	Seminar in the History of Colonial America	Directed research in the colonial and revolutionary period of American history. May be repeated to a maximum of 6 hours.
History	21146	HIST 8040	G	Seminar in Imperial History	Empires have been the predominant organizing political structure in modern world history (c. 1500-2000). Yet historians mostly structure historical inquiry around nations. This graduate class seeks to redress this imbalance by acquainting students with a diverse selection of the modern Anglophone historiography on empire, as well as giving them the opportunity to develop their own research project on an aspect of imperial history of their choosing. This class is reading and writing intensive, as should be expected of graduate students. Graded on A-F basis only.
History	6948	HIST 8440	G	Studies in American Western and Environmental History	Readings, class discussion, and written analysis on topics in American Western and environmental history from early settlement to the present. May be repeated to a maximum of 6 hours.
History	6949	HIST 8441	G	Seminar in American Western and Environmental History	Directed research in problems in American Western and environmental history. May be repeated to maximum of 6 hours.
History	6950	HIST 8445	G	Studies in World Environmental History	Readings explore relationship between human agency and environmental change over the courses of world history and on various continents. May be repeated to a maximum of 6 hours.

History	20120	HIST 8457	G	Studies in the History of the United States and the World	This graduate seminar will explore the emerging historiographical field known as "The United States and the World", broadly defined to encompass both the history of U.S. foreign policy and other topics like the history of trade, immigration, and cultural exchange. This course will focus on historiography and methodology in order to introduce students to the existing literature, assist in preparation for comprehensive examinations, identify major trends in the field, and suggest directions for future research. Graded on A-F basis only."
Journalism	7946	JOURN 72	G	Impact of Advertising on American Culture	Philosophical, political, social roots of advertising. Readings in advertising history and literature. Study of such topical issues as materialism, sexism, racism, stereotyping, etc. Prerequisites: JOURN 4200 or JOURN 7200, JOURN 4952 or JOURN 7952, JOURN 4226 or JOURN 7226.
Journalism	18636	JOURN 74	G	Field Reporting on the Food System and Environment	(same as SCI_AG_J 7414) Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day field trip. Graded on A-F basis only. Prerequisites: instructor's consent required.
Management	1786	MANGMT	G	Business and Society	Interdependence of the business firm and its social, political, and legal environment; interrelationships with governments, interest groups, and the larger society; role of business in formulation of community, regional, national, and foreign policy.
Nuclear Science and Engr Inst	10222	NU_ENG 7	G	Energy Systems and Resources	(same as ECE 7020). Analysis of present energy usage in Missouri, USA and the world, evaluation of emerging energy technologies and trends for the future. Economics and environmental impact of the developed technologies. Prerequisites: ENGINR 2300 or equivalent.

Nuclear Science and Engr Inst	10226	NU_ENG 7	G	Natural Resources and Nuclear Energy	Not for engineering students. Lecture, demonstration; describes physical environment, energy, power plants, nuclear reactors; radioactivity, its biological effects; health physics measures, rad-waste disposal; nuclear safeguards, nuclear explosives, societal implications. Prerequisites: high school algebra.
Peace Studies	16335	PEA_ST 70	G	Topics in Peace Studies - Behavioral Sciences	Upperclass Topics. Subject may vary from semester to semester.
Peace Studies	20443	PEA_ST 72	G	Empire: Intellectual History, Literature, and Society	(same as REL_ST 7287; cross-leveled with PEA_ST 4287). Intellectuals and writers passionately debated the wisdom of colonies, free trade, and war as economies became increasingly global over the centuries. The proponents, critics, and interpreters of Empire will offer us rich examples of themes and theories in the culture of specific nations and eras. Intellectual life will be studied in the context of developments in social inequality, the culture of classes, media of communication, education, identities, transnational governance, and the nation-state. The course will be offered with different national and historical foci under different instructors, and may be repeated for credit with different instructors. Counts as the capstone experience for Peace Studies and is open to majors of other disciplines.
Peace Studies	19259	PEA_ST 79	G	Peace Studies Abroad	A study abroad experience organized by MU and led by MU faculty. Provides students with interdisciplinary study in foreign cultures, career development, and global experience with issues such as war, domestic conflict, sustainable development, human rights, and nonviolent movements for peace and justice. May be repeated for credit.
Personal Financial Planning	5129	FINPLN 73	G	Assessing the American Dream	A systems perspective examining ways choice and culture shape American levels and standards of living. The impact of trends in personal and family values, technology the economy, mass media and social movements on household resource management.

Personal Financial Planning	5156	FINPLN 84	G	Family Economics	Multidisciplinary study of research on families as economic units. Examines trends in family income, wealth, labor market participation, household production, distribution of household resources, use of public goods, and underground economy.
Philosophy	11063	PHIL 7800	G	Asian Philosophy	(same as S_A_ST 4800). This course traces the origins of Indian and Chinese philosophical world views. Included are the major ideas in Hindu, Jaina, and Buddhist thought in India, and Taoism and Confucianism in China. Emphasis is placed on the diverse, assimilative, and pragmatic nature of Indian thought and its impact on contemporary Asian philosophy.
Philosophy	11067	PHIL 7820	G	Contemporary Indian Philosophy	(same as S_A_ST 4820). Indian philosophical traditions as represented in backgrounds of Gandhi, Tagore, Ramkrishna, and philosophical systems of Radharkrishnan, Aurobindo, etc.
Philosophy	11106	PHIL 9310	G	Applied Ethics	Methods for applying normative ethical theories to personal and social moral problems, illustrated by application of consequentialist, deontological and virtue-centered theories to such problems as euthanasia, capital punishment, pornography, world hunger, war and environmentalism. Prerequisites: graduate Philosophy student.
Political Science	11867	POL_SC 90	G	Introduction to Formal Political Theory	Formal and mathematical models of political institutions and behavior. Topics may include social choice, game theory, spatial models, coalition formation.
Political Science	11881	POL_SC 98	G	Contemporary Political Theory	Twentieth-century Marxism, existentialism, critical theory, postmodernism, environmental thought, liberation theology, biological approaches. Primary readings and critical literature.

Public Health Program	19537	P_HLTH 7	G	Interdisciplinary Perspectives in Global Health	This course is designed for those interested in health issues from a global perspective. It explores contemporary issues, problems, and controversies in global health through an interdisciplinary perspective. This course will follow a lecture and case study discussion format. Graded on A-F basis only. Prerequisites: Department consent required.
Public Health Program	18053	P_HLTH 8	G	Human Health and the Environment	This graduate level course will address threats to public health related to environmental factors including biological, physical and chemical factors. Subjects will include environmental contamination and remediation, zoonotic disease food and water quality. This course will include recorded lectures with optional synchronous participation. Lectures will be recorded live and students will have the option to virtually attend live lecture, but this will not be required. Lecture recordings are archived for students to view at their convenience. Graded on A-F basis only.
Public Health Program	19538	P_HLTH 8	G	Evaluating Global Public Health Programs	This course is designed to prepare students to evaluate global public health programs, preferably in developing countries. Students will identify a global public health issue, find one or more global health intervention or prevention programs, evaluate the programs using principles of evaluation research methods, and suggest implications for global public health promotion. Graded on A-F basis only. Prerequisites: P_HLTH 7952 or P_HLTH 8420.

Religious Studies	20444	REL_ST 72	G	Empire: Intellectual History, Literature, and Society	(same as PEA_ST 7287; cross-leveled with REL_ST 4287). Intellectuals and writers passionately debated the wisdom of colonies, free trade, and war as economies became increasingly global over the centuries. The proponents, critics, and interpreters of Empire will offer us rich examples of themes and theories in the culture of specific nations and eras. Intellectual life will be studied in the context of developments in social inequality, the culture of classes, media of communication, education, identities, transnational governance, and the nation-state. The course will be offered with different national and historical foci under different instructors, and may be repeated for credit with different instructors. Counts as the capstone experience for Peace Studies and is open to majors of other disciplines.
Rural Sociology	13112	RU_SOC 7	G	Society, Agriculture and Natural Resources	(cross-leveled with RU_SOC 4310). Explore the human dimensions of agriculture and natural resources through an overview of key areas in natural resource social science. Diverse conceptual approaches and empirical research topics related to society-natural resource interactions are included.
Rural Sociology	13129	RU_SOC 7	G	Creating Capacity for Dynamic Communities	(cross-leveled with RU_SOC 4343). Addresses community and citizen power; large group intervention processes for change; facilitating small group process; community organizing; community sustainability, dealing with poverty and disenfranchisement; community conflict resolution; ethics; and integration into practice. Graded on A-F basis only. Prerequisites: instructor's consent.
Rural Sociology	13134	RU_SOC 7	G	Environmental Sociology	(same as SOCIOL 7370; cross-leveled with SOCIOL 4370, RU_SOC 4370). An interdisciplinary examination of domestic and international environmental issues focusing on social, cultural, and policy dimensions. Perspectives of the social sciences and humanities are included.

Rural Sociology	13153	RU_SOC 7	G	Seminar on Issues in the Sociology of Agriculture and Natural Resources	Issues in current research in the sociology of agriculture of developing and industrial nations. Links sociological theory with research in agriculture, examining contributions of applied research to sociological knowledge.
Rural Sociology	13122	RU_SOC 7	G	Community Social Structure	(same as SOCIOL 7446). A comparative study of communities in different nations and in urban and rural areas. A primary focus of the course will be on social change in communities in response to changing economic, political, social, cultural, and ecological factors.
Rural Sociology	13142	RU_SOC 8	G	Seminar on Sustainable Development	(same as SOCIOL 8287). An interdisciplinary examination of sustainable development focusing on social, economic, cultural and environmental dimensions of development. International and domestic issues and approaches to sustainable development are included.
Rural Sociology	16279	RU_SOC 8	G	Political Ecology	Political ecology is an analytical approach to environment and natural resource issues at local, regional and global scales, emphasizing political, economic, cultural, social and historical factors and their relationship to ecological trends and processes. Seminar format. Graded on A-F basis only.
Rural Sociology	20469	RU_SOC 8	G	Community, Natural Resources and Sustainability	A graduate seminar on conceptual and methodological (mixed methods) approaches to natural resource sustainability issues at the human community level. Focuses on theoretical, methodological, and empirical topics related to the interactions between community, natural resources and sustainability. Graded on A-F basis only. Recommended: RU_SOC 4310 or RU_SOC 7310.
Rural Sociology	13152	RU_SOC 8	G	Agriculture, Food and Community	Introduces key debates in the sociology of food and agriculture. Includes research on the structure and history of the agriculture system and its impacts on farmers, communities and the natural environment.

Rural Sociology	13162	RU_SOC 8	G	Society and Ecosystems Research Seminar	(same as AG_EC 8448 and NAT_R 8448). This seminar, capstone for the Graduate Certificate Program in Society and Ecosystems, exposes students to interdisciplinary research on interactions between social, economic and ecological systems.
Rural Sociology	16280	RU_SOC 8	G	Economic and Sociological Approaches to Collective Action	(same as AG_EC 8610). This course identifies analytical and methodological tools, including rational choice and social capital, to deal with practical problems of collective action in: agricultural cooperatives, rural community development, political interest groups and other mutuals. Prerequisites: AG_EC 8610.
School of Law	8387	LAW 5545	G	Environmental Law	Federal and state regulation of the environment, including the economic and philosophical foundations of environmental regulation, the common law roots of environmental regulation, and substantive coverage of a number of environmental statutes, such as the Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act, Comprehensive Environmental Response, Compensation and Liability Act, National Environmental Policy Act, and Endangered Species Act.

School of Law	8512	LAW 5572	G	Fair Housing	The goals of this course are (1) to provide students with a conceptual framework for understanding the different forms that housing discrimination can take and how such discrimination affects our society, and (2) equip students with practical tools for analyzing and litigating fair housing cases. The course will focus primarily on the Federal Fair Housing Act of 1968, and the Fair Housing Amendments Act of 1988. We will examine the Fair Housing Act, its legislative history, early case law, and the development of the basic doctrine. We will progress to the modern" era of fair housing law, after the Fair Housing Amendments Act added disability and familial status as protected classes. We will explore the ways in which the concept of what constitutes "housing discrimination" has expanded, and how the law has developed accordingly. For example, we will discuss sexual harassment in housing, and the requirements that new multifamily housing be built so that it is accessible to persons with disabilities. In addition, the course will cover more systematic ways in which housing discrimination can manifest itself, such as through municipal land use and zoning decisions, and the mortgage lending practices of financial institutions (including discriminatory refusals to lend, relining, and predatory lending). In addition to these doctrinal issues, the course will cover the private and public enforcement mechanisms of the Act; theories of liability (including disparate treatment, disparate impact, and failure to reasonably accommodate); damages; and issues of proof (including the uses of statistical and testing evidence)."
School of Law	8467	LAW 5775	G	Journal of Environmental and Sustainability Law (JESL)	Credit for work as prescribed by the faculty for members of the Missouri Environmental Law and Policy Review. Graded on S/U basis only.

School of Law	8532	LAW 5840	G	Public Policy Dispute Resolution	Public Policy disputes", such as those that occur in the energy, environmental, education, and health industries, are complex and challenging to manage. This course will explore the intersections of the executive, legislative, and judicial branches of both state and federal government and legal strategies for shaping public policy, whether through litigation, legislation, regulation, alternative dispute resolution or a combination of processes. We will look at two case studies and at least one current issue."
School of Natural Resources	5536	NAT_R 73	G	Natural Resource Policy/Administration	Principles of policy formation and analysis; relationship of organizational goals to structure, planning and budgeting. Historical background of present natural resource policies; examines current policy issues. Prerequisites: instructor's consent.
School of Natural Resources	10173	NAT_R 84	G	Society and Ecosystems Research Seminar	(same as AG_EC 8448 and RU_SOC 8448). This seminar, capstone for the Graduate Certificate Program in Society and Ecosystems, exposes students to interdisciplinary research on interactions between social, economic and ecological systems.
Science and Agricultural Journ	18635	SCI_AG_J	G	Field Reporting on the Food System and Environment	(same as JOURN 7414). Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day field trip. Graded on A-F basis only. Prerequisites: instructor's consent.
Sociology	13714	SOCIOL 73	G	Social Change and Development	(same as RU_SOC 7335). Nature of social change and development. Emphasizes sociological theories of social change and development contrasting them with approaches from the disciplines. Prerequisites: RU_SOC 1000 or SOCIOL 1000.
Sociology	13748	SOCIOL 73	G	Environment and Society	(same as RU_SOC 7370). An interdisciplinary examination of domestic and international environmental issues focusing on social, cultural, and policy dimensions. Perspectives of the social sciences and humanities are included.

Sociology	13718	SOCIOL 75	G	Social Movements and Conflicts	Survey of approaches and research on social movements and social change. Historical and contemporary social movements in the U.S.; collective protest and violence; political revolutions.
Sociology	13766	SOCIOL 82	G	Seminar on Sustainable Development	(same as RU_SOC 8287). An interdisciplinary examination of sustainable development focusing on social, economic, cultural and environmental dimensions of development. International and domestic issues and approaches to sustainable development are included.
Textile and Apparel Mgmt	18963	T_A_M 86	G	Sustainable Softgoods: Global Policies and Practices	This course examines sustainability in the soft goods industry in the context of cultural, economic, environmental, social, and technological policies and procedures of soft goods industries. Includes ethics, government policies international labor standards, environmental regulations, company priorities, consumer responsibilities, economic impact, and worker rights. The importance of establishing leadership for social change will be incorporated. Graded on A-F basis only.
Women's and Gender Studies	19755	WGST 735	G	Studies in Gender and the Environment	(cross-leveled with WGST 4350). Explores how gendered social relations affect the relationship between human beings, non-human nature, and the environment. Also examines how historically, the human relationship with nature has been governed by a dualism of culture and nature that enables both an ideology of technical control and the objectification of the environment and people. Draws from ecological feminism, the environmental justice movement, feminist science studies, materialist feminism, and feminist dystopian fiction. May be repeated for credit.
Agricultural and Applied Econ	113	AG_EC 10	UG	Survey of Global Agribusiness	Economic, social and political forces and trends and the impact on U.S. and global agribusinesses. Global production, consumption trade, and investment patterns in agriculture-food sector. Developing management strategy in changing economic political environment.

Agricultural and Applied Econ	116	AG_EC 10	UG	Applied Macroeconomics	Introduction to macroeconomic principles and their application to agriculture-food sector and natural resource issues. Using macroeconomic principles in decision making and in evaluating national and regional economic problems and issues. Students who complete AG_EC 1042 may not have credit for ECONOM 1015.
Agricultural and Applied Econ	120	AG_EC 20	UG	Environmental Economics and Policy	(same as ENV_ST 2070). Examines current environmental and natural resource issues using a systems perspective and key economic concepts. Explores connections between the environment and the economy based on problems at the local, national, and international levels. Prerequisites:sophomore standing. Recommended: ENGLISH 1000.
Agricultural and Applied Econ	20509	AG_EC 20	UG	Environmental Economics and Policy - Writing Intensive	(same as ENV_ST 2070). Examines current environmental and natural resource issues using a systems perspective and key economic concepts. Explores connections between the environment and the economy based on problems at the local, national, and international levels. Prerequisites:sophomore standing. Recommended: ENGLISH 1000.
Agricultural and Applied Econ	129	AG_EC 21	UG	Introduction to Environmental Law	Environmental issues from a legal perspective, using current controversies from both the USA and other countries. Major environmental laws dealing with water, air, noise, endangered species, waste disposal, and land use.
Agricultural and Applied Econ	130	AG_EC 29	UG	Practicum in Agricultural Economics	Off-campus integrated working and learning experience for departmental majors and minors. Application of economic concepts in business or government. Graded on S/U basis only. Prerequisites: Instructor's consent.
Agricultural and Applied Econ	145	AG_EC 32	UG	Agricultural and Rural Economic Policy	Study and analysis of past and present government policies affecting agriculture and rural economy. Prerequisites:AG_EC 1041 or ECONOM 1014 and AG_EC 1042 or ECONOM 1015.

Agricultural and Applied Econ	183	AG_EC 32	UG	Ethical Issues in Agriculture	The study of how economics, philosophy, and science inform on and impact important ethical problems in agriculture, such as the environment, biotechnology, animal welfare, farm structure, the role of agribusiness, development, sustainability, and agriculture-related public policy. Course may be repeated once for credit. Prerequisites: AG_EC 1041 or ECONOM 1014 and junior standing.
Agricultural and Applied Econ	20523	AG_EC 32	UG	Ethical Issues in Agriculture - Writing Intensive	The study of how economics, philosophy, and science inform on and impact important ethical problems in agriculture, such as the environment, biotechnology, animal welfare, farm structure, the role of agribusiness, development, sustainability, and agriculture-related public policy. Course may be repeated once for credit. Prerequisites: AG_EC 1041 or ECONOM 1014 and junior standing.
Agricultural and Applied Econ	150	AG_EC 32	UG	Agribusiness and Biotechnology Law	Legal concepts applicable to agribusiness and biotech firms. To include contracts, torts, product liability, warranties, corporate farming laws, UCC, corporations/partnerships/limited liability companies, labor laws, patent copyrights/trademark laws, international and ethical perspectives.
Agricultural and Applied Econ	187	AG_EC 32	UG	Rural and Agricultural Law	Everyday practical legal problems facing rural residents, farmers, agribusiness, and local government. Laws include statutes, common law (cases), customs, and administrative regulations. Topics include corporate/contract farming, right-to-farm, leases, fence laws, estate planning and water rights.
Agricultural and Applied Econ	154	AG_EC 32	UG	Conservation and Use of Protected Areas	Evaluation of socioeconomic, cultural and ecological values influencing the development and management of protected areas including parks, forests, wildlife refuges, wilderness and wild/scenic rivers. Prerequisites: AG_EC 1041 or ECONOM 1014 and AG_EC 2070. Recommended: Introductory natural resources courses.

Agricultural and Applied Econ	156	AG_EC 32	UG	International Agricultural Development	Examines world food problem; analyzes its causes; economic and noneconomic policy alternatives for modernizing agriculture in less-developed countries. Prerequisites: AG_EC 1041 or ECONOM 1014 and AG_EC 1042 or ECONOM 1015. Recommended: junior standing.
Agricultural and Applied Econ	158	AG_EC 32	UG	International Food Trade and Policy	Examines food trade; develops economic analyses of trade impacts on domestic agricultural policies; examines international trade agreements; and interface of trade and environment. Prerequisites: AG_EC 1041 or ECONOM 1014 and AG_EC 1042 or ECONOM 1015.
Agricultural and Applied Econ	160	AG_EC 32	UG	Agribusiness Finance	Application of the concepts and methods of finance to the management of agribusiness firms, including cooperatives. Special attention is given to the working capital needs of agribusiness and to the specialized lending institutions in the agricultural economy. Prerequisites: AG_EC 1041 or ECONOM 1014 and ACCTCY 2036 or ACCTCY 2026. Recommended: ACCTCY 2037 or ACCTCY 2027.
Agricultural and Applied Econ	161	AG_EC 32	UG	Economics of Managerial Decision Making	Introduces tools and concepts from price theory, game theory, industrial organization and organizational economics, and applies them to managerial decision making activities for businesses in the agrifood system and for natural resource and environmental management. Prerequisites: AG_EC 2123 and AG_EC 2183.
Agricultural and Applied Econ	197	AG_EC 43	UG	Environmental Law and Policy	Legislative, administrative, and common law dealing with the environment. Introduces the fundamental concepts and classic issues underlying the body of law and policy dealing with the environment. Includes air and water quality, endangered species preservation, land use, and waste disposal. Prerequisites: instructor's consent. Recommended AG_EC 3256, senior or graduate standing. For non-law students.

Agricultural and Applied Econ	197	AG_EC 43	UG	Environmental Law and Policy	(cross-leveled with AG_EC 7356). Legislative, administrative, and common law dealing with the environment. Introduces the fundamental concepts and classic issues underlying the body of law and policy dealing with the environment. Includes air and water quality, endangered species preservation, land use, and waste disposal. Prerequisites: instructor's consent. Recommended AG_EC 3256, senior or graduate standing. For non-law students.
Agricultural and Applied Econ	178	AG_EC 49	UG	Agri-Food Business and Cooperative Management	(cross-leveled with AG_EC 7972). Risk management in the global agrifood chain, including managing the unique uncertainties of biological production processes, global market analysis, and government intervention, of risk management tools and institutions unique to strategic decision making in agribusiness and cooperative firms. Prerequisites: AG_EC 4971 and AG_EC 3286 or MANGMT 3000. Recommended: AG_EC 3256.
Agricultural and Applied Econ	169	AG_EC 49	UG	Economic Analysis of Policy and Regulation	(cross-leveled with AG_EC 7990). Apply economic concepts and tools to analyze the policy-making process and the implications of policy for individuals, firms, markets and society. Policy topics include, among other things, agricultural support programs, environmental policy, international trade, international development, and agribusiness regulation. Prerequisites: AG_EC 4251. Recommended: ECONOM 4351.
Agricultural Systems Managemnt	374	AG_S_M 1	UG	Topics in Agricultural Systems Management- Biological/Physical/Math	Current and new technical developments in agricultural systems management. Prerequisites: Instructor's consent. Recommended: 6 hours in AG_S_M or instructor's consent.
Agricultural Systems Managemnt	342	AG_S_M 1	UG	Introduction to Agricultural Systems Management	Introductory course that acquaints students with the general technical areas of Agricultural Systems Management. A systematic problem-solving approach is applied to problems derived from each of the technical areas within Agricultural Systems Management .

Agricultural Systems Managemnt	375	AG_S_M 2	UG	Topics in Agricultural Systems Management- Biological/Physical/Math	Current and new technical developments in agricultural systems management. Prerequisites: Instructor's consent. Recommended: 6 hours in AG_S_M or instructor's consent.
Agricultural Systems Managemnt	353	AG_S_M 2	UG	Environmental Ethics in Agriculture	Influence of agricultural technology and production practices on environmental quality. Stewardship concepts. Long-term vs. short-term consequences. Development of a scientifically sound ethic toward agricultural production. Prerequisites: ENGLISH 1000.
Agricultural Systems Managemnt	372	AG_S_M 3	UG	Problems in Agricultural Systems Management	Supervised independent study at the undergraduate level. Prerequisites: instructor's consent.
Agricultural Systems Managemnt	373	AG_S_M 4	UG	Problems in Agricultural Systems Management	Supervised independent study at the undergraduate level. Prerequisites: instructor's consent.
Agricultural Systems Managemnt	377	AG_S_M 4	UG	In-Service Course Agriculture System Management-Farm Power and Machinery	A. Farm Power and Machinery B. Farm Buildings and Conveniences C. Soil and Water Management D. Rural Electrification and Processing E. Agricultural Construction and Maintenance Basic principles relating to agricultural systems management. Applies principles and subject matter in successful classroom presentation at the high school level. Prerequisites: 10 credits from Agricultural System Management courses; a B.S. degree in Agriculture or instructor's consent.
Agricultural Systems Managemnt	377	AG_S_M 4	UG	In-Service Course Agriculture System Management-Farm Power and Machinery	A. Farm Power and Machinery B. Farm Buildings and Conveniences C. Soil and Water Management D. Rural Electrification and Processing E. Agricultural Construction and Maintenance Basic principles relating to agricultural systems management. Applies principles and subject matter in successful classroom presentation at the high school level. Prerequisites: Instructor's consent. Recommended: 10 credits from Agricultural System Management courses; a B.S. degree in Agriculture.
Agricultural Systems Managemnt	389	AG_S_M 4	UG	Agricultural Systems Management Internship	Problem course following prior approved internship work experience. Problem selected by internship company representative, faculty problem advisor and student. Supervised by faculty problem advisor and presented in technical report form. Prerequisites: Instructor's consent.

Agricultural Systems Managemnt	389	AG_S_M 4	UG	Agricultural Systems Management Internship	Combines study, observation, and employment with industry or government agency in an area of Agricultural Systems Management. A special problem / learning experience is selected by internship company representative, faculty problem advisor and student. Written and oral reports evaluated by faculty. Prerequisites: Instructor's consent. Recommended: Sophomore standing and minor or major in Agricultural Systems Management.
Agricultural Systems Managemnt	386	AG_S_M 4	UG	Agricultural Systems Management - Capstone	Capstone course required of Agricultural Systems Management majors. Team project involving extensive use of the students education, oral presentations and comprehensive written reports are required. Class experiences include but may not be limited to system selection and comparison, replacement and operating cost calculations, life cycle costing, and business feasibility analysis. Prerequisites: Senior Standing.
Agriculture, Food and Natural Resources	478	AFNR 219	UG	International Agriculture and Natural Resources	This course is designed to provide students with an introduction into the agriculture/natural resources of the host country. Activities may include course work at an international institution, professional and personal development and special projects. Selected sections of this course may be graded either on A-F or S/U basis only. Prerequisites: instructor's consent.
Agriculture, Food and Natural Resources	483	AFNR 219	UG	International Agriculture and Natural Resources - Humanities	This course is designed to provide students with an introduction to valuing and appreciating the culture and philosophy entrenched in the host country's civilization through the examination of its arts, culture, language and history. May be repeated for credit. Selected sections of the course may be offered on A-F or S/U basis only. Prerequisites: Instructor's consent.

Agriculture, Food and Natural Resources	20520	AFNR 219	UG	International Agriculture and Natural Resources - Humanities - Writing Intensive	This course is designed to provide students with an introduction to valuing and appreciating the culture and philosophy entrenched in the host country's civilization through the examination of its arts, culture, language and history. May be repeated for credit. Selected sections of the course may be offered on A-F or S/U basis only. Prerequisites: Instructor's consent.
Agriculture, Food and Natural Resources	18587	AFNR 221	UG	Introduction to the Theory and Practice of Sustainable Agriculture	This experiential course provides an overview of the theoretical and practical principles of sustainable agriculture by exploring the holistic nature of sustainable agriculture, and analyzing agriculture systems based on their impact on the environment, economy and community.
Agriculture, Food and Natural Resources	18588	AFNR 321	UG	Community Food Systems	Essential concepts in research, implementation and understanding of community food systems and macro-level global trends in food production and distribution will be discussed. Students will examine the social, economic and health implications of conventional and alternative food systems. Recommended: AFNR 2215.
Agriculture, Food and Natural Resources	19335	AFNR 331	UG	Advanced Practices in Sustainable Agriculture	Course furthers students' understanding of sustainable production systems with an emphasis on stewarding natural resources (soil, water, biodiversity and energy) while maintaining and economically profitable enterprise that provides for a good quality of life. Prerequisites: AFNR 2215. Recommended: SOIL 2100.
Agriculture, Food and Natural Resources	19335	AFNR 331	UG	Advanced Practices in Sustainable Agriculture	Course furthers students' understanding of sustainable production systems with an emphasis on stewarding natural resources (soil, water, biodiversity and energy) while maintaining and economically profitable enterprise that provides for a good quality of life. Recommended: AFNR 2215; SOIL 2100.

Agriculture, Food and Natural Resources	18250	AFNR 497	UG	Capstone Project in Agriculture, Food and Natural Resources	A culminating learning experience focused on student's area of concentration that requires the application of knowledge and skills taught in the undergraduate curriculum. The capstone project comprises independent, original work culminating in a scholarly project, written document, and/or presentation. Graded on S/U basis only. Prerequisites: instructor's consent. Recommended: junior or senior standing.
Agriculture, Food and Natural Resources	18249	AFNR 499	UG	Internship in Agriculture, Food and Natural Resources	Field-based learning experience combining the study, observation, and employment with a business, organization, or governmental agency. The internship provides opportunities to apply skills, concepts and theories about agriculture, food and natural resources in a practical context. The student intern, internship supervisor, and university coordinator will develop an individualized internship plan. May be repeated for credit. Some sections may be graded on either an A-F or S/U basis only. Prerequisites: instructor's consent. Recommended: junior or senior standing.
Animal Science	692	AN_SCI 21	UG	Global Animal Agriculture	Animal Agriculture as influenced globally by political, religious cultural, economic and climatic factors. Prerequisites: sophomore standing.
Anthropology	813	ANTHRO 2	UG	Anthropology of War	Anthropological approaches to tribal and modern war; theories of war's origins; relation to ecology, economy, gender, belief systems, politics; transformation of tribal warfare by state expansion; peace.
Anthropology	816	ANTHRO 2	UG	Hunters and Gatherers	Exploration of how different hunter-gatherer groups interact with their physical and social environment. Topics include food acquisition, allocation of labor, reproduction and family life, and deciding where to live and when to move.
Anthropology	982	ANTHRO 3	UG	Cultures of Southeast Asia	Survey of peoples and cultures of Southeast Asia; topics include regional geography and prehistory, European colonialism, economic and social organization, religious practices, changing status of women, urban and rural poverty, and environmental transformations.

Anthropology	954	ANTHRO 4	UG	Ecological and Environmental Anthropology	(cross-leveled with ANTHRO 7320). Cultural anthropological approaches to human-environment interaction; cultural adaptations to diverse environments; theoretical developments and current issues; cultural, social, and historical contexts of natural resource use. Recommended: junior or senior standing.
Anthropology	926	ANTHRO 4	UG	Prehistory of Mesoamerica	(cross-leveled with ANTHRO 7650). Archaeology and prehistory of Mesoamerica (Mexico and Northern Central America). Emphasis on archaeological evidence for development of human societies from late Pleistocene hunting bands to complex agricultural civilizations encountered by Europeans in 1500s.
Anthropology	932	ANTHRO 4	UG	Mesolithic, Neolithic, and Bronze Age Archaeology	(cross-leveled with ANTHRO 7720). Analysis of both hunter-gatherer and food-producing prehistoric sociocultural systems in western Eurasia and adjacent areas from the end of the Pleistocene until the development of iron metallurgy. Includes the symbolic material of these periods. Recommended: junior or senior standing.
Architectural Studies	5043	ARCHST 1	UG	Fundamentals of Environmental Design	Survey of the architectural environment emphasizing design fundamentals such as use, aesthetics, stability of structures and human relationships with places and time. Prerequisites: ENGLSH 1000.
Architectural Studies	20335	ARCHST 2	UG	Sustainable Building Design Fundamentals	Environmental concerns addressed by green building design practices for consumers and owners of homes and businesses. Overview of how green buildings improve prospects for ecology, economy, social equity, and human health. Hands-on lab experiments reference national performance standards for decision making in sustainable building projects. Emphasis on energy and water use, sustainable sites, environmentally friendly building products, indoor air quality, and design for sustainable behaviors. Graded on A-F basis only.
Architectural Studies	7206	ARCHST 2	UG	People, Places and Design	Understanding human behavior and interaction with environments; the influence of architectural design on built places. Practical application for design.

Architectural Studies	16215	ARCHST 4	UG	Sustainable Technologies and Systems	An in-depth study of ecologically-sensitive and energy-efficient strategies used in building and interiors.
Architectural Studies	7214	ARCHST 4	UG	Housing Concepts and Issues	Evaluate housing policies, regulations, codes, programs; global and ecological perspectives of environment and behavior; historic preservation; financial issues; trends and projections.
Architectural Studies	5051	ARCHST 4	UG	Interiors Studio III	Spatial morphology, organization pattern, construction methods, materials, systems, and processes and integration with total design processes. Space planning and spatial manipulation in response to social, environmental, functional, and aesthetics specific to interiors. Prerequisite: ARCHST 3182.
Architectural Studies	1041	ARCHST 4	UG	Architectural Studio III	Continuation of ARCHST 3182. Spatial morphology, organization pattern, construction methods, materials, systems, and processes and integration with total design process. Space planning and spatial manipulation in response to social, environmental, functional, and aesthetics specifics to architecture. Prerequisites: ARCHST 3182.
Architectural Studies	7225	ARCHST 4	UG	Internship in Environmental Design	Field experience in design under professional and educational supervision. Graded on S/U basis only. Prerequisites: instructor's consent.
Art History and Archaeology	1397	AR_H_A 3	UG	Cities in the Western Imagination	Interdisciplinary introduction to the forms, functions, and meanings of cities in Europe and the Americas from ancient to modern times; plans and predictions for the future also considered. Emphasis is placed on cities as fields for imaginative activity on the part of those who have designed, built, used, and interpreted them.
Art History and Archaeology	1386	AR_H_A 4	UG	American Material Culture	(cross-leveled with AR_H_A 7820). An exploration of American material culture from a multidisciplinary perspective. Prerequisites: instructor's consent.
Atmospheric Sciences	1492	ATM_SC 3	UG	Climates of the World	(same as GEOG 3600). A study of the world distribution of climates based on cause and effect" relationships. Special attention is given to the impacts of climate on humanity. Prerequisites: ATM_SC 1050 or equivalent or graduate standing."

Atmospheric Sciences	1492	ATM_SC 3	UG	Climates of the World	(same as GEOG 3600). A study of the world distribution of climates based on cause and effect" relationships. Special attention is given to the impacts of climate on humanity. Prerequisites: ATM_SC 1050 or graduate standing."
Biochemistry AG	1538	BIOCHM 2	UG	Biotechnology in Society	Biotechnology in a social context covers three areas: introduction to terminology and concepts, specific biotechnological applications to modern problems, and ethical questions. Prerequisites: for non-biochemistry majors only.
Biological Science	5726	BIO_SC 10	UG	General Principles and Concepts of Biology	Emphasizes connections and applications to society and the human condition, science literacy, and critical thinking skills. A discussion of general principles and fundamental concepts of living things. This course is intended for non-science majors. No more than 5 credits for BIO_SC 1010, BIO_SC 1020, and BIO_SC 1030. Recommended: MATH 1100.
Biological Science	5731	BIO_SC 10	UG	General Principles and Concepts of Biology with Laboratory	Survey of general principles and basic concepts of life science, emphasizing applications to society and the human condition. Lectures address science literacy and critical thinking and laboratory exercises use representative organisms to complement lecture topics. This course is intended for non-science majors. No more than 5 credits for BIO_SC 1010, BIO_SC 1020, and BIO_SC 1030. Recommended: MATH 1100 or concurrent enrollment.
Biological Science	5733	BIO_SC 10	UG	Basic Environmental Studies	Considers the ecosystem, energy and biogeochemical cycles and population dynamics; relation of the environment to agriculture and technology, pollution, power and food production; politico-economic considerations; moral and ethical issues. For non-science majors.
Biological Science	5791	BIO_SC 20	UG	Community Biology	Principles of population biology, ecology, and evolution, including consideration of human impacts on biological communities and ecosystems. Prerequisites: BIO_SC 1010 or equivalent. Not open to biology majors.

Biological Science	5736	BIO_SC 30	UG	Genetics and Society	Introduction to genetics, emphasizing the impact of genetics on human society. Human evolution, molecular genetics, genetic engineering in medicine and agriculture. An intensive writing course.
Biological Science	5864	BIO_SC 36	UG	General Ecology	Principles of populations, coevolution, density factors, competition; physical environment; concept of community, trophic structure, biotic succession; characterization of biomes, man in ecosystem. Biology majors having completed BIO_SC 3100: 2 hours credit. Prerequisites: junior standing. Recommended: 10 hours in Biology.
Black Studies	1690	BL_STU 18	UG	History of Modern Africa	(same as HIST 1800). This course introduces students to the recent history of Africa. It provides them with an opportunity to understand the main challenges Africans faced since colonial times based on primary and secondary sources.
Black Studies	1691	BL_STU 18	UG	History of South Africa	(same as HIST 1810). South African Society from the 16th century to the present with an emphasis on the last two centuries and the consolidation of the apartheid state. .
Black Studies	1751	BL_STU 47	UG	Women, Development, and Globalization	(same as SOCIOL 4230, WGST 4230, PEA_ST 4230; cross-leveled with BL_STU 7230, SOCIOL 7230, WGST 7230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities. Prerequisites: BL_STU 1332, BL_STU 2200; SOCIOL 2200, WGST 1332 or WGST 2010."

Black Studies	21018	BL_STU 43	UG	The Wire: Race, Urban Inequality, and the "Crisis" of the American City	(same as HIST 4235; cross-leveled with BL_STU 7335, HIST 7235). The HBO series "The Wire", a crime drama based on the border city of Baltimore, exposed the interlocking, structural realities giving shape to the landscapes, neighborhoods, and lived experiences of urban America during the early twenty-first century. Through vivid storytelling, "The Wire" complicates understandings of the "urban crisis" through a focus on the inner workings of major institutions such as the media, public schools, politics, underground economies, public housing, and the criminal justice system and on the ways in which poor and working-class black residents negotiate power and survival. Using the cable series as a lens, this class offers students the opportunity to critically examine the historical, economic, social, and political dimensions of urban inequality."
Chemical Engineering	1855	CH_ENG 2	UG	Introduction to Energy Technology and Sustainability	An introductory course on energy technology and those resources and practices that allow for sustainable commercialization. Graded on A-F basis only. Prerequisites: sophomore standing in engineering.
Chemical Engineering	1913	CH_ENG 4	UG	Energy Technology and Sustainability	An introductory course on energy technology, resources, practices, and common calculations used for energy analysis. May be repeated for credit. Recommended: at least one engineering thermodynamics course or a Physical Chemistry course or instructor's consent.
Civil/Environmental Engr	2306	CV_ENG 3	UG	Fundamentals of Environmental Engineering	Fundamentals of water quality engineering and water resources, water and wastewater treatment, solid and hazardous and radioactive waste management, air pollution, environmental regulation, and environmental ethics. Prerequisites: grade of C- or better in CHEM 1320 or equivalent. Prerequisite or Corequisite: CV_ENG 3010.

Civil/Environmental Engr	2321	CV_ENG 4	UG	Environmental Regulatory Compliance	(cross-leveled with CV_ENG 4250). Systems of water law; provisions of major federal environmental laws and regulations; development of regulations at the federal, state, and local levels; regulatory frameworks; permits; and enforcement.
Civil/Environmental Engr	2318	CV_ENG 4	UG	Environmental Public Policy	Engineering and economic aspects of environmental policy. Basic understanding of environmental statutes and case law.
Civil/Environmental Engr	2318	CV_ENG 4	UG	Environmental Public Policy	(cross-leveled with CV_ENG 7260). Engineering and economic aspects of environmental policy. Basic understanding of environmental statutes and case law.
Computer Science	2981	CMP_SC 4	UG	Senior Capstone Design I	(cross-leveled with CMP_SC 7970). communication skills, and prototyping. Covers professional ethics, intellectual property/patenting, knowledge of engineering literature, safety, economic and environmental impact of technology. Essays, oral and written reports. Prerequisites: CMP_SC 4320 and senior standing.
Computer Science	2981	CMP_SC 4	UG	Senior Capstone Design I	Communication skills, and prototyping. Covers professional ethics, intellectual property/patenting, knowledge of engineering literature, safety, economic and environmental impact of technology. Essays, oral and written reports. Prerequisites: C- or higher in CMP_SC 4320 and senior standing.
Economics	3435	ECONOM	UG	Economic Analysis for Social Issues	An introduction to the basic tools of economic analysis and their use in analyzing current economic and social issues.
Economics	3443	ECONOM	UG	Environmental Economics	Deals with the interaction of people with the world around them. Emphasis on the impact of one's actions on others, external to the transaction. A diverse set of problems is considered, ranging from urban congestion to global warming.

Environmental Science	16229	ENV_SC 1	UG	Introduction to Environmental Science	This class provides an opportunity to develop an understanding of environment, physical and social causes of environmental problems, their impacts, and strategies to manage these issues. Prerequisites: Enrollment restricted to College of Agriculture, Food and Natural Resources undergraduates and students minoring in Environmental Science.
Environmental Science	18014	ENV_SC 3	UG	Environmental Land Use Management	An introduction to environmentally sustainable use and management of land.
Environmental Science	19140	ENV_SC 4	UG	Agroforestry for Watershed Restoration	Agroforestry for watershed restoration will focus on integrated approaches for improved water quality, soil health, and economic benefits. Students will learn principles and practices, critical analysis and application of agroforestry practices to improve overall environmental quality. May be repeated for credit. Graded on A-F basis only. Prerequisites: FOREST 4385 or FOREST 7385.
Environmental Studies	5071	ENV_ST 2	UG	Introduction to Ecological Economics	(same as AG_EC 2070). Examines current environmental and natural resource issues using a systems perspective and key economic concepts. Explores connections between the environment and the economy based on problems at the local, national, and international levels. Prerequisites: ENGLSH 1000 and sophomore standing.
Environmental Studies	5073	ENV_ST 2	UG	Environmental Sustainability	Students will assess availability of key resources, estimate sustainable rates of use and develop plans for aligning current and sustainable rates of use using personal, business and government strategies. Graded A-F only. Prerequisites: ENGLSH 1000 and one introductory environmental course.
Environmental Studies	16357	ENV_ST 4	UG	Modeling Environmental Problems	This course covers modeling environmental problems as systems. Modeling incorporates rates of changes, feedback loops, short/long term signals, inertia, upstream causes, interventions, implementing interventions and unintended consequences. Graded on A-F basis only. Prerequisites: 9 hours natural science courses and junior standing.

Fisheries and Wildlife	5265	F_W 3200	UG	Aquaculture	This course aims to develop an understanding of key aspects of the practice of fish culture, an awareness of aquatic species being cultured worldwide, and an appreciation of why aquaculture is expanding so rapidly on a global basis and the emerging environmental concerns associated with aquaculture growth. Graded on A-F basis only.
Fisheries and Wildlife	5506	F_W 3400	UG	Water Quality and Natural Resource Management	Introduction to broad aspects of water quality science, management and policy. Topics include aquatic ecology, eutrophication, lake and coastal management, water supply and treatment, watershed management with respect to agriculture and urban development, and toxicology. Recommended: CHEM 1310 and NAT_R 1070.
Fisheries and Wildlife	5506	F_W 3400	UG	Water Quality and Natural Resource Management	Introduction to broad aspects of water quality science, management and policy. Topics include aquatic ecology, eutrophication, lake and coastal management, water supply and treatment, watershed management with respect to agriculture and urban development, and toxicology. Recommended: CHEM 1000 or CHEM 1320 and ENV SC 1100 or NAT_R 1070.
Fisheries and Wildlife	5527	F_W 3600	UG	Introduction to Conservation Biology	Introduction to principles of conservation biology. Application of ecological concepts and conservation biology principles to management of endangered species, biodiversity and threatened ecosystems. Prerequisites: BIO_SC 3650.
Fisheries and Wildlife	5262	F_W 4220	UG	Human Dimensions of Fish and Wildlife Conservation	Overview of human dimensions approaches and methods as they are applied to issues in fish and wildlife conservation. Recommended: One 3000-level or above professional Fisheries and Wildlife management or techniques course.
Fisheries and Wildlife	5524	F_W 4300	UG	Fisheries Management	Introduction to the scientific principles and techniques of fishery management. Integrates ecological principles with social, economic and legal considerations. Recommended: BIO_SC 3650 and STAT 2530.

Fisheries and Wildlife	5522	F_W 4600	UG	Ecosystem Management	Explores the development and implementation of large-scale approaches to restoring and maintaining ecosystems for sustainability. Incorporates ecological, socio-economic, and institutional factors that influence natural management agencies. Graded on A-F basis only. Prerequisites: BIO_SC 3650.
Fisheries and Wildlife	20656	F_W 4600	UG	Ecosystem Management - Writing Intensive	Explores the development and implementation of large-scale approaches to restoring and maintaining ecosystems for sustainability. Incorporates ecological, socio-economic, and institutional factors that influence natural management agencies. Graded on A-F basis only. Prerequisites: BIO_SC 3650.
Forestry	5589	FOREST 1	UG	Topics in Forestry - Social Science	Organized study of selected topics in forestry. Intended for undergraduate students.
Forestry	5590	FOREST 2	UG	Forest Ecology Field Studies	Field studies of vegetation, soils, habitats and ecological units. Application of ecological principles of natural resource management and understanding of natural and managed forested communities with an emphasis on southeastern Missouri. Prerequisites: SOIL 2100, FOREST 2151. Corequisites: FOREST 2540, FOREST 2541, FOREST 2542, FOREST 2544 and FOREST 2545.
Forestry	5489	FOREST 4	UG	Forest Ecology	Principles of community, ecosystem, and population ecology and examination of the influence of environmental factors and human activity on forest dynamics, composition, structure and function. Prerequisites: Senior standing only. Recommended FOREST 2151.
Forestry	20662	FOREST 4	UG	Forest Ecology - Writing Intensive	Principles of community, ecosystem, and population ecology and examination of the influence of environmental factors and human activity on forest dynamics, composition, structure and function. Prerequisites: Senior standing only. Recommended FOREST 2151.

Forestry	5504	FOREST 43	UG	Forest Resource Management	Teaches resource managers how to develop a plan for the management of forest resources using managerial, economic, silvical and wildlife techniques for its enhancement and to meet the landowner's objectives. Prerequisites: FOREST 4330 and FOREST 4350; Senior Standing only.
Forestry	5599	FOREST 43	UG	Agroforestry I: Theory, Practice and Adoption	Understand biophysical, ecological, social and economic features of temperate and tropical agroforestry. Covers the basics of design, planning and implementation of agroforestry practices. Prerequisites: junior standing.
Forestry	19453	FOREST 43	UG	Agroforestry Economics and Policy	This course focuses on economic principles applied to the adoption and management of agroforestry practices at both the micro and macro scale. This includes cost and benefits analysis of ecosystem services and marketing of goods and services from agroforestry. More specifically, this course emphasizes both market and nonmarket valuation of managed tree and crop/livestock interactions; investment alternatives related to economics and natural resources; and decision making with relation to financial principles, environmental principles, and social principles. Graded on A-F basis only. Prerequisites: FOREST 4385 or FOREST 7385, AG_EC 1041 or permission of instructor.
Geography	6024	GEOG 155	UG	Introduction to the Humanized Earth	Examines human culture as a geographical element; the power of culture and human institutions in human-environmental interaction and the creation of agriculture, folk culture, popular culture, cities, and a broad range of cultural landscapes.

Geography	18744	GEOG 160	UG	Climate Change: Science and Public Policy	This course will explore the role of physical science, environmental politics and public policy in shaping contemporary debate concerning climate change, mitigation, and adaptation strategies. We will examine the scientific rationale and statistical basis underwriting the concept of climate change, why aspects of the science remain controversial, the prospects of institutional action and the difficulties inherent in developing public policies targeting mitigation and adaptation. Course includes a role-playing simulation where students will play roles based on 2009 climate negotiations in Copenhagen, Denmark. Graded on A-F basis only. Prerequisites: freshman and sophomores only.
Geography	6072	GEOG 184	UG	Global Environmental Change	Course uses a geographic framework to study patterns and processes related to global environmental change. Topics include environmental reconstruction, water resources, human-environment interactions, glaciers, fire, and climate.
Geography	6006	GEOG 261	UG	Climate, Landforms and Vegetation: Introduction to Physical Geography	Examination of the interacting natural systems that comprise the Earth's physical environment, including the atmosphere, biosphere, and landforms. Focus on relating fundamental physical, chemical and ecological processes to the global geographic patterns they produce.
Geography	6022	GEOG 266	UG	Environmental Geography	Historical perspectives on the human agency in transforming the earth, with emphasis on international environmental problems. Topics include basic biogeography; environmental impacts of population growth, underdevelopment and overdevelopment; and new approaches to management of global resources.

Geography	6017	GEOG 271	UG	Economic Geography	Geographical location and organization of world's major economic activities. Emphasizes agricultural and industrial patterns, commodity flows, transport networks, geographical principles of market and industrial location, internal spatial organization of cities, land-use models, geographic aspects of economics growth. Prerequisites: Geography GEOG 1100 or GEOG 1200 or sophomore standing.
Geography	6017	GEOG 271	UG	Economic Geography	Geographical location and organization of world's major economic activities. Emphasizes agricultural and industrial patterns, commodity flows, transport networks, geographical principles of market and industrial location, internal spatial organization of cities, land-use models, geographic aspects of economics growth. Prerequisites: GEOG 1100 or GEOG 1200 or sophomore standing.
Geography	6123	GEOG 272	UG	The City	Study of cities: origin, development, distribution; social, economic, and demographic significance. Consideration of theories of structure, urban hierarchies, and land use planning.
Geography	18369	GEOG 356	UG	Native American Geographies	A survey of the Native American geographies in the United States. Historical and contemporary topics are covered employing cross-cultural perspectives including some philosophical views of the Earth and society, sense of place, memory, sacred land, colonialism and GIS representations, and natural resources.
Geography	20668	GEOG 356	UG	Native American Geographies - Writing Intensive	A survey of the Native American geographies in the United States. Historical and contemporary topics are covered employing cross-cultural perspectives including some philosophical views of the Earth and society, sense of place, memory, sacred land, colonialism and GIS representations, and natural resources.
Geography	6055	GEOG 455	UG	Selected Themes in Cultural Geography	Case studies in the patterns and processes of human-environmental interactions. Study of the cultural forces responsible for the continual transformation of the earth's cultural landscapes.

Geography	18529	GEOG 456	UG	Resources and Indigenous Peoples	This is a survey of indigenous peoples' struggle to control and use natural resources, to have a say in determining the path of economic development, and to restrain the destructive tendencies of colonialism and capitalism, challenging traditional state-to-state relations. Prerequisites: Junior standing required.
Geological Sciences	17746	GEOL 260	UG	Mineral and Energy Resources of the Earth	This course examines the geology of Earth's major mineral and energy resources--their origin, distribution, and characteristics--and societal implications of their use and abundance. Major topics: fossil fuels, nuclear energy, base & precious metals, non-metallic minerals, water. Prerequisite: GEOL 1100 or GEOL 1200.
Geological Sciences	17746	GEOL 260	UG	Mineral and Energy Resources of the Earth	This course examines the geology of Earth's major mineral and energy resources--their origin, distribution, and characteristics--and societal implications of their use and abundance. Major topics: fossil fuels, nuclear energy, base & precious metals, non-metallic minerals, water. Prerequisite: GEOL 1100 or GEOL 1150 or GEOL 1200.
Geological Sciences	17746	GEOL 260	UG	Mineral and Energy Resources of the Earth	This course examines the geology of Earth's major mineral and energy resources--their origin, distribution, and characteristics--and societal implications of their use and abundance. Major topics: fossil fuels, nuclear energy, base & precious metals, non-metallic minerals, water.
Health Sciences	19469	HLTH_SCI	UG	Nuclear Weapons: Environmental, Health and Social Effects	(same as SOCIOL 2281 and PEA_ST 2200). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."

Health Sciences	20713	HLTH_SCI	UG	Nuclear Weapons: Environmental, Health and Social Effects - Writing Intensive	(same as SOCIOL 2281 and PEA_ST 2200). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."
History	19504	HIST 1420	UG	Globalization and History	This course will explore the contemporary phenomenon of globalization in historical perspective. Our goal will be to help students come to terms with the origins and dynamics of this process, which is transforming our economy and society more rapidly and thoroughly than ever before.
History	6613	HIST 1510	UG	History of Modern Europe	Selected major themes in European history from French Revolution to recent times. Breakdown of traditional institutions, ideas; political, social revolution; industrialization, nationalism, imperialism, world wars; democratic, totalitarian ideologies, movements; quest for international order, European unity.
History	6614	HIST 1510	UG	History of Modern Europe - Honors	Selected major themes in European history from French Revolution to recent times. Breakdown of traditional institutions, ideas; political, social revolution; industrialization, nationalism, imperialism, world wars; democratic, totalitarian ideologies, movements; quest for international order, European unity. Prerequisites: Honors eligibility required.
History	6650	HIST 1800	UG	History of Modern Africa	(same as BL_STU 1800). This course introduces students to the recent history of Africa. It provides them with an opportunity to understand the main challenges Africans faced since colonial times based on primary and secondary sources.
History	6669	HIST 1840	UG	Colonial Latin America	Survey of Latin America, 1492-1825; Exploration and conquest; European settlement; colonial government and institutions; economy and society; cultural and intellectual life, independence movements.
History	6671	HIST 1850	UG	Latin America Since Independence	Political, social and economic developments; nationalism; revolutionary movements; U.S. influence.

History	19595	HIST 1872	UG	Mao's China and Beyond: China Since 1949	Through a series of readings, images, and film we will look at the dramatic cultural, economic, social and intellectual changes the People's Republic of China has experienced since 1949, and look at the interrelated, yet often contradictory, challenges facing Beijing in regards to the task of furthering economic prosperity while promoting policies of integrating with the international society.
History	6693	HIST 3420	UG	America's Environmental Experience	(same as PEA_ST 3420). Team-taught analysis of American thought and action on physical environment during 19th-20th centuries. Relation between politics, economics, technological change, environmental quality; roles of science, law, regulatory agencies, grassroots action.
History	6869	HIST 4070	UG	Indians and Europeans in Early America	A study of the cultural, political and often military struggle that took place for control of North America from contact through mid 19th century emphasizing native efforts to resist European domination and expansion in areas that became the U.S. and Canada. Prerequisites: HIST 1100 or equivalent.
History	20347	HIST 4235	UG	The Wire: Race, Urban Inequality, and the "Crisis" of the American City	(cross-leveled with HIST 7235). The HBO series "The Wire", a crime drama based on the border city of Baltimore, exposed the interlocking, structural realities giving shape to the landscapes, neighborhoods, and lived experiences of urban America during the early twenty-first century. Through vivid storytelling, "The Wire" complicates understandings of the "urban crisis" through a focus on the inner workings of major institutions such as the media, public schools, politics, underground economies, public housing, and the criminal justice system and on the ways in which poor and working-class black residents negotiate power and survival. Using the cable series as a lens, this class offers students the opportunity to critically examine the historical, economic, social, and political dimensions of urban inequality."

History	17752	HIST 4280	UG	America in the Reagan Years	Examines the major political, economic, social, and cultural currents and developments of the Long Eighties," from Jimmy Carter's "malaise speech" of July 1979 to Bill Clinton's mid-1990s embrace of welfare reform and pronouncement that the era of big government was over."
History	6866	HIST 4440	UG	History of the American Environment	A reading and discussion course exploring diverse responses to the changing American environment from early man to the present, including ecological, institutional, and philosophical aspects.
History	19503	HIST 4625	UG	Nature vs. Nurture: The History of a Debate	(cross-leveled with HIST 7625). The purpose of this course is to explore the debate on nature vs. nurture in human society from the late eighteenth century to the present. The goal of this course is to give biology, history, and social science (including journalism) majors a better understanding of how this debate between nature and culture has played out over the past 250 years, and what impact it has left on biology, the social sciences, and public discourse today.
History	20704	HIST 4815	UG	African History Through the Digital Medium - Writing Intensive	(cross-leveled with HIST 7815). This course invites students to explore the history of Africa through the digital medium. It offers a hands-on approach to understand how knowledge about African history, culture, and society is produced and disseminated over the World Wide Web.
Honors General	7099	GN_HON	UG	Global Citizenship	This course continues our introduction to the fundamental problems and concepts of social science by concentrating on today's emerging global society and the ways in which it shapes social identity. The course also aims at encouraging students to think of themselves as global citizens - people who possess a sense of their own role as citizens of the world. Prerequisites: Honors eligibility required.

Honors General	20683	GN_HON	UG	Global Citizenship - Honors/Writing Intensive	This course continues our introduction to the fundamental problems and concepts of social science by concentrating on today's emerging global society and the ways in which it shapes social identity. The course also aims at encouraging students to think of themselves as global citizens - people who possess a sense of their own role as citizens of the world. Prerequisites: Honors eligibility required.
Honors General	20687	GN_HON	UG	Interdisciplinary Topics in the Human Sciences: The Nature of Humans - Honors/Writing Intensive	This course investigates the dynamic qualities of human experience in psychological, social, and environmental context with a focus on contemporary global issues. Course topics vary by semester but will bridge the social and behavioral sciences to address an overarching question: What makes us human? We will explore the social and behavioral factors that shape our shared human condition as well as those that contribute to diversity in the human experience. We will then investigate the complexities of what it means to be human within the globally interconnected societies we live in today. How do we deal creatively with human diversity in addressing the global problems and uncertainties that confront us? What attitudes, practices, and projects might help us manage global uncertainties and opportunities more effectively? What is your role in the global community of the twenty-first century? In exploring these questions through intensive reading, writing, research, and discussion, this course will help you develop a global consciousness that is sensitive to the lived textures and realities of places and peoples around the world. This course satisfies three credit hours of general education requirements in the behavioral and social sciences and is part of the Honors College's Interdisciplinary Topics in the Human Sciences series. Graded on A-F basis only. Prerequisites: Honors eligibility required.
Human Environmental Sciences	5947	GN_HES 1	UG	Introduction to Human Environmental Sciences	Introduction to Human Environmental Sciences

Journalism	19024	JOURN	UG	Study Abroad: Costa Rica Program	Study Abroad: Costa Rica Program. Reserved for Journalism students participating in the Costa Rica Journalism Program: Prerequisites: consent by International Programs. Obtain consent in 134 Neff Annex
Journalism	19097	JOURN	UG	Study Abroad: Costa Rica Program - Graduate	Study Abroad: Costa Rica Program - Graduate. Reserved for graduate Journalism students participating in the Costa Rica Journalism Program: Prerequisites: consent of International Programs. Obtain consent in 134 Neff Annex
Journalism	19434	JOURN	UG	Study Abroad: EU Policies and Institutions - Graduate	Study Abroad: EU Policies and Institutions - Graduate. Reserved for students participating in the EU Policies and Institutions study tour. Prerequisites: consent by International Programs. Obtain consent in 134 Neff Annex.
Journalism	7945	JOURN 42	UG	Impact of Advertising on American Culture	Philosophical, political, social roots of advertising. Readings in advertising history and literature. Study of such topical issues as materialism, sexism, racism, stereotyping, etc. Prerequisites: JOURN 4200, JOURN 4952, JOURN 4226.
Journalism	18570	JOURN 44	UG	Field Reporting on the Food System and Environment	(same as SCI_AG_J 4414). Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day field trip. Graded on A-F basis only. Prerequisites: Consent of instructor required.
Management	8863	MANGMT	UG	Business and Society	This course emphasizes the ethical implications of managerial decisions and the relationships between businesses and stakeholder groups. Major topics include corporate governance, social responsibility, rights and obligations, and international business. Prerequisites: Admission to upper level business program.

Management	20107	MANGMT	UG	Business and Society - Honors	This course emphasizes the ethical implications of managerial decisions and the relationships between businesses and stakeholder groups. Major topics include corporate governance, social responsibility, rights and obligations, and international business. Prerequisites: Admission to upper level business program; Honors eligibility required.
Management	20771	MANGMT	UG	Business and Society - Honors/Writing Intensive	This course emphasizes the ethical implications of managerial decisions and the relationships between businesses and stakeholder groups. Major topics include corporate governance, social responsibility, rights and obligations, and international business. Prerequisites: Admission to upper level business program; Honors eligibility required.
Management	20772	MANGMT	UG	Business and Society - Writing Intensive	This course emphasizes the ethical implications of managerial decisions and the relationships between businesses and stakeholder groups. Major topics include corporate governance, social responsibility, rights and obligations, and international business. Prerequisites: Admission to upper level business program.
Military Sci and Leadership	19193	MIL_SC 3	UG	The American Experience in Vietnam	This course was developed to provide students the opportunity to examine the American experience in the Vietnam War, to search for meanings in this experience, and to arrive at their own conclusions concerning the impact of the war upon the nation. Moreover, it challenges the students to think critically about war and the use of military power to settle differences between nations. May be repeated for credit.
Nuclear Science and Engr Inst	10221	NU_ENG 4	UG	Energy Systems and Resources	(same as ECE 4020). Analysis of present energy usage in Missouri, USA and the world, evaluation of emerging energy technologies and trends for the future. Economics and environmental impact of the developed technologies. Prerequisites: ENGINR 2300 or equivalent.

Nuclear Science and Engr Inst	20803	NU_ENG 4	UG	Energy Systems and Resources - Writing Intensive	(same as ECE 4020). Analysis of present energy usage in Missouri, USA and the world, evaluation of emerging energy technologies and trends for the future. Economics and environmental impact of the developed technologies. Prerequisites: ENGINR 2300 or equivalent.
Nuclear Science and Engr Inst	10225	NU_ENG 4	UG	Natural Resources and Nuclear Energy	Not for engineering students. Lecture, demonstration; describes physical environment, energy, power plants, nuclear reactors; radioactivity, its biological effects; health physics measures, rad-waste disposal; nuclear safeguards, nuclear explosives, societal implications. Prerequisites: high school algebra.
Nutrition & Exercise Physio	7261	NEP 1310	UG	Food and Cultures of the World	Trans-disciplinary approach to nutrition, considering anthropological, physiological, geographical, socioeconomic and psychological elements in world nutrition. These ideas will be explored in the context of cuisines and cultures that are found in the US, but originate elsewhere.
Nutrition & Exercise Physio	10559	NEP 3590	UG	Community Nutrition Supervised Practice Experience	A practicum which explores and applies the concepts and techniques of nutrition programming in a community setting. 4 hours of supervised practice per week. Enrollment limited to students who have taken NEP 4590. Open to students enrolled in the Coordinated Program in Dietetics only. Prerequisites: Departmental consent required.
Nutrition & Exercise Physio	10558	NEP 4590	UG	Community Nutrition	(cross-leveled with NEP 7590). Public health nutrition and chronic disease prevention, food security, nutrition programs and food access, public policy, sustainable agriculture and food production systems, cultural food practices, needs assessment. Graded on A-F basis only. Prerequisites: NEP 2340 or NEP 2380. Restricted from Pre-Nutrition and Fitness majors.

Peace Studies	10832	PEA_ST 10	UG	Introduction to Peace Studies	Interdisciplinary overview including theories on the nature of aggression and war, case studies of contemporary conflicts, consideration of various peace proposals, conditions making war or peace likely. Recommended: sophomore standing. Writing intensive not fulfilled unless ENGLSH 1000 or equivalent has already been taken.
Peace Studies	20815	PEA_ST 10	UG	Introduction to Peace Studies - Writing Intensive	Interdisciplinary overview including theories on the nature of aggression and war, case studies of contemporary conflicts, consideration of various peace proposals, conditions making war or peace likely. Recommended: sophomore standing. Writing intensive not fulfilled unless ENGLSH 1000 or equivalent has already been taken.
Peace Studies	20358	PEA_ST 10	UG	Global Warming, Climate Change, Catastrophic Climate Destabilization	Global warming, climate change and catastrophic climate destabilization as alternate conceptualizations. The greenhouse gas effect; the consequences of climate change for oceans, fresh water ecosystems, forests, agriculture, biodiversity, public health, social justice and global social stability. Potential solutions will be considered, including sustainable energy sources, efficiency of energy use, divestment from fossil fuels, and putting a price on carbon.
Peace Studies	20817	PEA_ST 10	UG	Global Warming, Climate Change, Catastrophic Climate Destabilization - Writing Intensive	Global warming, climate change and catastrophic climate destabilization as alternate conceptualizations. The greenhouse gas effect; the consequences of climate change for oceans, fresh water ecosystems, forests, agriculture, biodiversity, public health, social justice and global social stability. Potential solutions will be considered, including sustainable energy sources, efficiency of energy use, divestment from fossil fuels, and putting a price on carbon.
Peace Studies	19121	PEA_ST 11	UG	Population and Ecology	(same as RU_SOC 1120 and SOCIOL 1120). Changes in the structure and characteristics of population groups and their relationship to both human and non-human aspects of the biophysical environment.

Peace Studies	19470	PEA_ST 22	UG	Nuclear Weapons: Environmental, Health and Social Effects	(same as HLTH_SCI 2200 and SOCIOL 2281). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."
Peace Studies	20822	PEA_ST 22	UG	Nuclear Weapons: Environmental, Health and Social Effects-Writing Intensive	(same as HLTH_SCI 2200 and SOCIOL 2281). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."
Peace Studies	19015	PEA_ST 22	UG	Critical Dialogs: Global Environmental Policy Conflicts	(same as SOCIOL 2284). Climate change, water supplies, food, sustainability, industrialization, and chemical, oil, radioactive pollution. Activity of transnational corporations, social harm, and formulation of international policies. Analysis of alternatives using criteria of justice: distribution, recognition, participation, legality.
Peace Studies	19947	PEA_ST 26	UG	CAFO: Concentrated Animals, Deep Ecology	Throughout the ages humans have toiled and tilled the land confirming their role as integral providers as well as graceful recipients of nature's bounty. The significant metamorphosis that this gentle and cautious stewardship of the earth has undergone, necessitates close scrutiny. This multi-disciplined humanities course will consider the prose of the human community as it intersects widespread industrialized animal production with its inevitable social, economic and environmental realities. Eco-Feminist readings and the Fine Arts with its theoretical underpinnings associated with a liberal arts aesthetic will invite a wider perspective.

Peace Studies	20827	PEA_ST 26	UG	CAFO: Concentrated Animals, Deep Ecology - Writing Intensive	Throughout the ages humans have toiled and tilled the land confirming their role as integral providers as well as graceful recipients of nature's bounty. The significant metamorphosis that this gentle and cautious stewardship of the earth has undergone, necessitates close scrutiny. This multi-disciplined humanities course will consider the prose of the human community as it intersects widespread industrialized animal production with its inevitable social, economic and environmental realities. Eco-Feminist readings and the Fine Arts with its theoretical underpinnings associated with a liberal arts aesthetic will invite a wider perspective.
Peace Studies	20211	PEA_ST 33	UG	Environmental Justice	(same as SOCIOL 3330). Environmental justice refers to the ways in which the cost and benefits" of modern industrial society are distributed among social groups. This course is concerned with justice, not as an abstract concept, and inequality not in terms of numbers in a bank account. Social justice or inequality are lived, embodied experiences. An individual's likelihood of experiencing environmental harm is related to intersecting gender, race and class formations, among other things. Justice or inequality is not only embodied, it also happens in places--national and regional differences matter. In this course we will look at some of the extensive literature documenting the ways in which communities of color and poor communities are subject to disproportionate environmental risks. In addition, we will focus on gender as an important category in understanding environmental inequality. Graded on A-F basis only."
Peace Studies	19427	PEA_ST 34	UG	Global Health	(Same as HLTH_SCI 3400). An introduction to public health in a global context, with an emphasis on understanding how disparities in socioeconomic status, differences in political and national health care systems and the work of international organizations impact health in communities around the world. Graded on A-F basis only.

Peace Studies	19427	PEA_ST 34	UG	Global Public Health and Health Care Systems	(Same as HLTH_SCI 3400). An introduction to public health in a global context, with an emphasis on understanding how disparities in socioeconomic status, differences in political and national health care systems and the work of international organizations impact health in communities around the world. Graded on A-F basis only.
Peace Studies	10860	PEA_ST 34	UG	America's Environmental Experience	(same as HIST 3420). Team-taught analysis of American thought and action on physical environment during 19th-20th centuries. Relation between politics, economics, technological change, environmental quality; roles of science, law, regulatory agencies, grassroots action.
Peace Studies	19336	PEA_ST 42	UG	Women, Development and Globalization	(same as SOCIOL 4230 and WGST 4230 and BL_STU 4230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities. Prerequisites: BL_STU 1332 or BL_STU 2200; SOCIOL 2200, WGST 1332 or WGST 2010."

Peace Studies	20298	PEA_ST 42	UG	Empire: Intellectual History, Literature, and Society	(same as REL_ST 4287; cross-leveled with PEA_ST 7287). Intellectuals and writers passionately debated the wisdom of colonies, free trade, and war as economies became increasingly global over the centuries. The proponents, critics, and interpreters of Empire will offer us rich examples of themes and theories in the culture of specific nations and eras. Intellectual life will be studied in the context of developments in social inequality, the culture of classes, media of communication, education, identities, transnational governance, and the nation-state. The course will be offered with different national and historical foci under different instructors, and may be repeated for credit with different instructors. Counts as the capstone experience for Peace Studies and is open to majors of other disciplines. Prerequisites: junior standing. Recommended: senior standing.
Peace Studies	19426	PEA_ST 43	UG	Building Communities from the Grassroots	(Same as RU_SOC 4341). Introduction and application of basic community development concepts, methods and practical skills for involving and empowering local citizens and leaders effectively in community-based efforts regardless of the issue. Prerequisites: Instructor's consent required.
Peace Studies	10870	PEA_ST 43	UG	Economic Development	(same as ECONOM 4360). The study of less-developed countries including problems of measuring economic growth, analysis of sources of economic growth, causes of changes in economic and social structure, development and trade policies. The consequences of goals and assumptions for development policy are analyzed. Prerequisites: ECONOM 3229, ECONOM 3251 or ECONOM 4351.

Personal Financial Planning	5115	FINPLN 41	UG	Community Agencies and Volunteerism	Service learning in a non-profit community social support agency. Examines economic role of non-profits and volunteerism. Students engage in service and evaluate experience in seminar. Graded on A-F basis only. Prerequisites: FINPLN 4187 or FINPLN 7187 or instructor's consent. Not available to Pre-Personal Financial Planning majors.
Personal Financial Planning	5128	FINPLN 43	UG	Assessing the American Dream	A systems perspective examining ways choice and culture shape American levels and standards of living. The impact of trends in personal and family values, technology, the economy, mass media and social movements on household resource management. Prerequisites: ENGLSH 1000. Recommended: junior standing.
Personal Financial Planning	20661	FINPLN 43	UG	Assessing the American Dream - Writing Intensive	A systems perspective examining ways choice and culture shape American levels and standards of living. The impact of trends in personal and family values, technology, the economy, mass media and social movements on household resource management. Prerequisites: ENGLSH 1000. Recommended: junior standing.
Philosophy	11071	PHIL 3500	UG	Existentialism	The nature of human existence, the meaning of life, the relation of the individual to nature, society, and any gods that may be, according to Kierkegaard, Nietzsche, Heidegger, Sartre, de Beauvoir, Camus and others. Students are encouraged to come to grips with the issues in relation to their own lives. Prerequisites: sophomore standing. Recommended: one course in Philosophy.
Philosophy	11062	PHIL 4800	UG	Asian Philosophy	(same as S_A_ST 4800). This course traces the origins of Indian and Chinese philosophical world views. Included are the major ideas in Hindu, Jaina, and Buddhist thought in India, and Taoism and Confucianism in China. Emphasis is placed on the diverse, assimilative, and pragmatic nature of Indian thought and its impact on contemporary Asian philosophy. Prerequisites: sophomore standing. Recommended: one course in Philosophy.

Philosophy	11066	PHIL 4820	UG	Contemporary Indian Philosophy	(same as S_A_ST 4820). Indian philosophical traditions as represented in backgrounds of Gandhi, Tagore, Ramkrishna, and philosophical systems of Radharkrishnan, Aurobindo, etc. Prerequisites: junior standing.
Plant Sciences	504	PLNT_S 21	UG	Plants and their Cultivation	Principles of plant growth with emphasis on anatomy, physiology, and response to environmental factors. Production and protection of economically important crop and horticulture species.
Political Science	11803	POL_SC 47	UG	Politics of Development	(same as BL_STU 4720). Comparative, interdisciplinary analysis of the politics of developing countries in Asia, Africa, and Latin America. Special attention given to the problems of political and socioeconomic development. Prerequisites: junior standing or instructor's consent.
Psychological Sciences	12172	PSYCH 387	UG	Environmental Psychology	Survey of the effects of human behavior on the natural environment. Examines strategies for modifying behavior to preserve the environment. Prerequisites: PSYCH 1000.
Religious Studies	18464	REL_ST 32	UG	Buddhism and Environmental Ethics	(same as S_A_ST 3230). Global environmental crisis is associated with rapidly expanding human population. Buddhist teachings about the interdependent aspects of existence and interrelatedness of all life may provide critical insights for how humanity can achieve balance and reciprocity with nature.

Religious Studies	20297	REL_ST 42	UG	Empire: Intellectual History, Literature, and Society	(same as PEA_ST 4287; cross-leveled with REL_ST 7287). Intellectuals and writers passionately debated the wisdom of colonies, free trade, and war as economies became increasingly global over the centuries. The proponents, critics, and interpreters of Empire will offer us rich examples of themes and theories in the culture of specific nations and eras. Intellectual life will be studied in the context of developments in social inequality, the culture of classes, media of communication, education, identities, transnational governance, and the nation-state. The course will be offered with different national and historical foci under different instructors, and may be repeated for credit with different instructors. Counts as the capstone experience for Peace Studies and is open to majors of other disciplines. Prerequisites: junior standing, senior standing preferred.
Rural Sociology	13092	RU_SOC 1	UG	Population and the Environment	(same as SOCIOL 1120 and PEA_ST 1120). Changes in the structure and characteristics of population groups and their relationship to both human and non-human aspects of the biophysical environment.
Rural Sociology	13060	RU_SOC 1	UG	The Health of People in Local Communities	Health is a universal concern of all people. However, the place of residence has a major impact on many things closely related to health including the local cultural such as diets, exercise, occupations, local health services, etc. This is an introduction to these topics. Recommended: RU_SOC 1000 or SOCIOL 1000.
Rural Sociology	13111	RU_SOC 3	UG	Society, Agriculture and Natural Resources	Explore the human dimensions of agriculture and natural resources through an overview of key areas in natural resource social science. Diverse conceptual approaches and empirical research topics related to society-natural resource interactions are included. Recommended: junior standing or instructor's consent.

Rural Sociology	13118	RU_SOC 3	UG	Sociology of Food and Nutrition	This class explores individual food choices and larger social forces. Topics include: world hunger, food and the environment; food choices and culture, class and personal identity; the effects of social stigmas, advertising trends, and government regulations on body image; new social movements for sustainable food systems. Recommended: ENGLSH 1000 and junior or senior standing or instructor's permission.
Rural Sociology	13111	RU_SOC 4	UG	Society, Agriculture and Natural Resources	(cross-leveled with RU_SOC 7310). Explore the human dimensions of agriculture and natural resources through an overview of key areas in natural resource social science. Diverse conceptual approaches and empirical research topics related to society-natural resource interactions are included. Recommended: junior standing or instructor's consent.
Rural Sociology	13124	RU_SOC 4	UG	Building Communities from the Grassroots	(same as PEA_ST 4341; cross-leveled with RU_SOC 7341). Introduction and application of basic community development concepts, methods and practical skills for involving and empowering local citizens and leaders effectively in community-based efforts regardless of the issue. Recommended: instructor's consent.
Rural Sociology	13126	RU_SOC 4	UG	Empowering Communities for the Future	(cross-leveled with RU_SOC 7342). Focuses on the professional practice and applications of community-based development including participatory action research, community economic development, organizational development, use of technology, citizen education and integration of practice. Graded on A-F basis only. Recommended: instructor's consent.
Rural Sociology	13128	RU_SOC 4	UG	Creating Capacity for Dynamic Communities	(cross-leveled with RU_SOC 7374), Addresses community and citizen power; large group intervention processes for change; facilitating small group process; community organizing; community sustainability, dealing with poverty and disenfranchisement; community conflict resolution; ethics; and integration into practice. Graded on A-F basis only. Prerequisites: instructor's consent.

Rural Sociology	13133	RU_SOC 4	UG	Environmental Sociology	(same as SOCIOL 4370; cross-leveled with SOCIOL 7370, RU_SOC 7370). An interdisciplinary examination of domestic and international environmental issues focusing on social, cultural, and policy dimensions. Perspectives of the social sciences and humanities are included. Recommended: junior standing.
School of Natural Resources	5456	NAT_R 21	UG	Issues in Natural Resources and the Environment	This course provides an introduction to ecological and environmental challenges in natural resource management in our rapidly changing world. Topical discussions will provide students with informed perspectives of several contemporary issues that affect the sustainability of our natural resources. Recommended: This course is recommended as an introductory course for non-science majors.
School of Natural Resources	5535	NAT_R 43	UG	Natural Resource Policy/Administration	Principles of policy formation and analysis; relationship of organizational goals to structure, planning and budgeting. Historical background of present natural resource policies; examines current policy issues. Prerequisites: senior standing or instructor's consent.
School of Natural Resources	5274	NAT_R 49	UG	Resource Practicum in Natural Resources	Multidisciplinary planning of a natural resource management program. Prerequisites: School of Natural Resources majors only and senior standing.
School of Social Work	13450	SOC_WK 2	UG	Human Behavior and the Environment	The first of two required courses providing an introduction to selected theories, multidisciplinary knowledge, and perspectives into human development and behavior. Graded on A-F basis only. Prerequisites: ENGLISH 1000 or sophomore standing.
Science and Agricultural Journ	18571	SCI_AG_J	UG	Field Reporting on the Food System and Environment	(Same as JOURN 4414). Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day field trip. Graded A-F only. Prerequisites: instructor's consent.
Sociology	13650	SOCIOL 11	UG	Population and Ecology	(same as RU_SOC 1120 and PEA_ST 1120). Changes in the structure and characteristics of population groups and their relationship to both human and non-human aspects of the biophysical environment.

Sociology	19468	SOCIOL 22	UG	Nuclear Weapons: Environmental, Health and Social Effects	(same as HLTH_SCI 2200 and PEA_ST 2200). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."
Sociology	20915	SOCIOL 22	UG	Nuclear Weapons: Environmental, Health and Social Effects - Writing Intensive	(same as HLTH_SCI 2200 and PEA_ST 2200). Environmental consequences of the nuclear arms race, regional" nuclear war, and weapons testing for human health, agriculture, and society. Examining "a world without nuclear weapons"; political dialogue on proliferation; Iran, North Korea, and nuclear weapons conventions. Graded on A-F basis only."
Sociology	19014	SOCIOL 22	UG	Critical Dialogs: Global Environmental Policy Conflicts	(same as PEA_ST 2284). Climate change, water supplies, food, sustainability, industrialization, and chemical, oil, radioactive pollution. Activity of transnational corporations, social harm, and formulation of international policies. Analysis of alternatives using criteria of justice: distribution, recognition, participation, legality.
Sociology	19500	SOCIOL 22	UG	Large Corporations, Economic Crisis, Social Responsibility	(same as PEA_ST 2285). Institutional power of the corporate CEO; ethical regulatory restraint. Historical contexts of economic crisis. Theories of justice, alternative concepts of justice in popular culture. Politics of policy issues in prosecution and criminalization of corporate behavior. Graded on A-F basis only.

Sociology	18188	SOCIOL 33	UG	Environmental Justice	(same as PEA_ST 3330). Environmental justice refers to the ways in which the cost and benefits" of modern industrial society are distributed among social groups. This course is concerned with justice, not as an abstract concept, and inequality not in terms of numbers in a bank account. Social justice or inequality are lived, embodied experiences. An individual's likelihood of experiencing environmental harm is related to intersecting gender, race and class formations, among other things. Justice or inequality is not only embodied, it also happens in places-- national and regional differences matter. In this course we will look at some of the extensive literature documenting the ways in which communities of color and poor communities are subject to disproportionate environmental risks. In addition, we will focus on gender as an important category in understanding environmental inequality."
Sociology	13747	SOCIOL 43	UG	Environment and Society	(same as RU_SOC 4370). An interdisciplinary examination of domestic and international environmental issues focusing on social, cultural, and policy dimensions. Perspectives of the social sciences and humanities are included. Prerequisites: junior, senior or graduate standing.
South Asian Studies	18465	S_A_ST 32	UG	Buddhism and Environmental Ethics	(same as REL_ST 3230). Global environmental crisis is associated with rapidly expanding human population. Buddhist teachings about the interdependent aspects of existence and interrelatedness of all life may provide critical insights for how humanity can achieve balance and reciprocity with nature.

Women's and Gender Studies	19655	WGST 435	UG	Studies in Gender and the Environment	(cross-leveled with WGST 7350). Explores how gendered social relations affect the relationship between human beings, non-human nature, and the environment. Also examines how historically, the human relationship with nature has been governed by a dualism of culture and nature that enables both an ideology of technical control and the objectification of the environment and people. Draws from ecological feminism, the environmental justice movement, feminist science studies, materialist feminism, and feminist dystopian fiction. May be repeated for credit. Prerequisites: junior standing. Recommended: WGST 1120.
Agricultural and Applied Econ	204	AG_EC 79	G	Internship Experiences in Agricultural Economics	Combines study, observation, and employment in a public agency or private firm in marketing, farm management, or credit. Staff supervision and evaluation. Reports required. Graded on S/U basis only. Prerequisites: 2.5 GPA; 75 hours of course work and instructor's consent.
Agricultural and Applied Econ	20126	AG_EC 79	G	Economic Analysis of Policy and Regulation	(cross-leveled with AG_EC 4990). Apply economic concepts and tools to analyze the policy-making process and the implications of policy for individuals, firms, markets and society. Policy topics include, among other things, agricultural support programs, environmental policy, international trade, international development, and agribusiness regulation. Prerequisites: AG_EC 4251. Recommended: ECONOM 4351.
Agricultural and Applied Econ	236	AG_EC 80	G	Advanced Topics in Economics	Analyzes economic logic problems. Current agricultural economic problems.
Agricultural and Applied Econ	213	AG_EC 80	G	Advanced Production Economics	Production function analyses and advanced theory of the firm as applied to agricultural production problems. Concepts of input demand, production supply, quality, time and technology, dynamic analysis and production under uncertainty. Prerequisites: MATH 1500, AG_EC 4995; ECONOM 8451; STAT 4510 or ECONOM 8472.

Agricultural and Applied Econ	209	AG_EC 80	G	Economics of Institutions and Organizations	This course expands upon the fundamental principles of neo-classical economics by relaxing traditional behavioral and informational assumptions and by introducing the importance of transaction costs and institutions for economic analysis.
Agricultural and Applied Econ	205	AG_EC 80	G	Masters Problems in Agricultural Economics	Supervised study, research in specialized phases of agricultural economics.
Agricultural and Applied Econ	208	AG_EC 80	G	Seminar in Agricultural Economics	Lectures, reports on economic problems in agriculture.
Agricultural and Applied Econ	238	AG_EC 80	G	Masters Thesis Research in Agricultural Economics	Independent investigation of advanced nature, leading to dissertation. Graded on a S/U basis only.
Agricultural and Applied Econ	210	AG_EC 82	G	Theory of Markets	Development of theories of monopolistic, monopolistic competition; application to agricultural markets. Market structure influence on price, nonprice competition in buying, selling of farm products and inputs. Prerequisites: ECONOM 7351.
Agricultural and Applied Econ	237	AG_EC 90	G	Advanced Topics in Economics II	Analyzes economic logic problems. Current agricultural economic problems.
Agricultural and Applied Econ	18223	AG_EC 90	G	Advanced Microeconomics Theory and Applications II	Second semester advanced micro theory covering choice under uncertainty, industry structure, game theory, information econ, and political economy of regulation. Includes applications of micro models to issues in agricultural, natural resource, and development sectors. Prerequisites: AG_EC 9040.
Agricultural and Applied Econ	206	AG_EC 90	G	Doctoral Problems in Agricultural Economics	Supervised study, research in specialized phases of agricultural economics. Prerequisites: instructor's consent.
Agricultural and Applied Econ	239	AG_EC 90	G	Doctoral Dissertation Research in Agricultural Economics	Independent investigation of advanced nature, leading to dissertation. Graded on a S/U basis only.
Agricultural and Applied Econ	214	AG_EC 92	G	Advanced Price Analysis	Applies economic theory and quantitative methods to analyze agricultural price issues. Examines problem formulation, estimation, and model evaluation applied to demand and supply situations. Prerequisites: ECONOM 8451 or ECONOM 8472; STAT 4510.

Agricultural and Applied Econ	219	AG_EC 93	G	Regional Economic Theory and Methods	Theory of spatial economics: Central place theory, spatial labor markets, location theory, social accounting matrices, input-output, computable general equilibrium, geographic information systems and regional econometric models. Prerequisites: ECONOM 7351, ECONOM 7353, and matrix algebra.
Agricultural Ed and Leadership	308	AG_ED_LD	G	Internship Seminar in Agricultural Education and Leadership	Seminar focused on the problems of practice and developing skills needed for a career in teaching agriculture at the secondary level. The core of the seminar is on coordinating experimental learning and leadership development activities, managing the complete program, and professional development. Corequisites: AG_ED_LD 4995.
Agricultural Ed and Leadership	300	AG_ED_LD	G	Intracurricular Program Management in Agricultural Education	This course explores the philosophical foundations and current structures of secondary Agricultural Education Programs. Students will learn how to plan supervise and evaluate the intracurricular components within Agricultural Education Programs.
Agricultural Ed and Leadership	315	AG_ED_LD	G	Inservice Course in Agricultural Education and Leadership	Professional development course which focuses on enhancing the technical, administrative, or management skills of agricultural educators.
Agricultural Ed and Leadership	328	AG_ED_LD	G	Creative Component in Agricultural Education and Leadership	Independent original work that culminates in a scholarly project, document or presentation. Graded on S/U basis only. Prerequisites: instructor's consent.
Agricultural Ed and Leadership	273	AG_ED_LD	G	Problems in Agricultural Education and Leadership	Prerequisites: instructor's consent.
Agricultural Ed and Leadership	311	AG_ED_LD	G	Seminar in Agricultural Education and Leadership	Seminar in Agricultural Education and Leadership.
Agricultural Ed and Leadership	321	AG_ED_LD	G	Thesis Research in Agricultural Education and Leadership	Independent research activities by a master's student that culminates in a thesis. Graded on S/U basis only. Prerequisites: instructor's consent.
Agricultural Ed and Leadership	16330	AG_ED_LD	G	History and Leadership of the Land Grant University	Historical overview of the evolution and development of land-grant colleges. Students examine early public mandates and evaluate education, research, public service developments and new initiatives needed for Land Grant universities to effectively serve society.

Agricultural Ed and Leadership	324	AG_ED_LD	G	Leadership Theory and Application	Survey of concepts, theories and practices of leadership, personal development and group dynamics. Exploration of leadership traits and models with a focus upon how they apply to Agricultural Education.
Agricultural Ed and Leadership	319	AG_ED_LD	G	Student and Teacher Development in Agricultural Education and Leadership	Examines planning and supervising career exploration, experiential learning, and leadership development activities of secondary agriculture students. The professional development of the secondary agriculture teacher is also examined. Prerequisites: AG_ED_LD 4310 or equivalent.
Agricultural Ed and Leadership	329	AG_ED_LD	G	Philosophical Foundations of Agricultural Education and Leadership	Overview of the history and philosophical development of agricultural education and leadership as a discipline. Philosophers, policy makers, movements, trends, and legislation that has influenced agricultural education. Current issues and future trends impacting the field. Graded on A-F basis only.
Agricultural Ed and Leadership	330	AG_ED_LD	G	Research Methods and Design	(same as RU_SOC 8510). A foundations course on quantitative research methodology and design principles for investigating problems in social and behavioral sciences. A focus is on the language of research, purposes, validity threats, and data collection methods. Graded on A-F basis only.
Agricultural Ed and Leadership	331	AG_ED_LD	G	College Teaching Practicum	Learning experience that combines the study, observation, and practice of teaching university-level courses in food, agriculture and/or natural resources under the supervision of teaching mentors. Graded on S/U basis only. Prerequisites: instructor's consent and AG_ED_LD 8330 or AG_ED_LD 8350.
Agricultural Ed and Leadership	283	AG_ED_LD	G	Doctoral Research in Agricultural Education and Leadership	Independent research activities by a doctoral student that culminates in a dissertation or other scholarly work. Graded on S/U basis only. Prerequisites: instructor's consent.
Agricultural Systems Managemnt	382	AG_S_M	G	Agricultural Safety and Health	(corss-leveled with AG_S_M 4020). Analysis, organization and implementation of agriculture safety and health programs. Physical and economic impacts of accidents, standards and liabilities. Role of man in the man-machine system.

Agricultural Systems Managemnt	362	AG_S_M 7	G	Advanced Agricultural/Industrial Materials and Processes	(cross-leveled with AG_S_M 4120). Primarily for students majoring in agricultural education. Applies shop principles to the design and construction of projects. Prerequisites: instructor's consent.
Agricultural Systems Managemnt	364	AG_S_M 7	G	Electricity: Wiring and Equipment	(cross-leveled with AG_S_M 4140). Home and agricultural electricity; emphasis on proper selection and use of electrical wiring materials and equipment. Basic electrical theory.
Agricultural Systems Managemnt	367	AG_S_M 7	G	Agricultural Equipment and Machinery	(cross-leveled with AG_S_M 4320). Operation of agricultural machinery. Selection and management of equipment. Prerequisites: AG_S_M 1040.
Agricultural Systems Managemnt	461	AG_S_M 7	G	Precision Agriculture Science and Technology	(same as PLNT_S 7360 and SOIL 7360; cross-leveled with AG_S_M 4360, PLNT_S 7360, SOIL 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: SOIL 2100, PLNT_S 2110 or instructor's consent.
Agricultural Systems Managemnt	356	AG_S_M 7	G	Surface Water Management	(cross-leveled with AG_S_M 4420). Topics include hydrology; soil erosion precautions; elementary surveying; selection and layout of ponds, terraces and water control structures. Prerequisites: MATH 1100.
Agricultural Systems Managemnt	360	AG_S_M 7	G	Water Quality and Pollution Control	(cross-leveled with AG_S_M 4440). Applies scientific principles to a variety of water quality problems arising from activities associated with nonpoint pollution, agricultural chemicals, land disposal of wastes, on-site sewage disposal and individual drinking water systems. Prerequisites: MATH 1100.
Agricultural Systems Managemnt	19917	AG_S_M 8	G	Agricultural Energy Efficiency	The study of the efficient use of energy concerning the planning, economics, and finance of efficient technology for livestock, crops, farm buildings including alternative energy resources, and associated environmental systems. Prerequisites: AG_S_M 4140 or consent of instructor.

Ancient Mediterranean Studies	2530	CLASS 978	G	Seminar in Greco-Roman Satire and Social Criticism	Seminar in Greco-Roman Satire and Social Criticism
Ancient Mediterranean Studies	8271	LATIN 968	G	Seminar in the Augustan Age	Integrated studies in the culture of the age of Augustus--its literature, art and architecture, religion, political and social institutions.
Ancient Mediterranean Studies	8273	LATIN 978	G	Seminar in Late Antiquity	Integrated studies in the culture of late antiquity with interdisciplinary focus. Prerequisites: consent required for non graduate students.
Animal Science	739	AN_SCI 739	G	Ruminant Nutrition	(cross-leveled with AN_SCI 4332). Physiology, chemistry, microbiology and pathology of ruminants. Emphasizes the digestion, absorption, metabolism and utilization of nutrients. Prerequisites: AN_SCI 3212.
Animal Science	746	AN_SCI 739	G	Physiology and Biochemistry of Muscle as Food	(same as F_S 7354; cross-leveled with AN_SCI 4354, F_S 4354). Basic concepts in muscle growth and development of livestock evaluating the effects of environment, welfare, nutrition and genetics regarding muscle metabolism, physiology, and the ultimate condition of muscle as food. Prerequisites: BIO_SC 1010 or equivalent or AN_SCI 3214 or instructor's consent.
Animal Science	764	AN_SCI 840	G	Reproductive Biology Seminar	Presentation and discussion of selected topics from all phases of reproductive biology. Open to qualified students of graduate standing in the field of Reproductive Biology.
Animal Science	767	AN_SCI 940	G	Genetics of Populations	Introduction to quantitative genetics with application to animal and plant breeding. Prerequisites: STAT 4530 or STAT 7530.
Animal Science	769	AN_SCI 940	G	Ruminant Nutrition	(same as NUTRIT 8320). Physiology, chemistry, microbiology, pathology of ruminants. Emphasizes digestion, absorption, metabolism, utilization of nutrients. Lecture, laboratory, assigned readings. Prerequisites: AN_SCI 4332/AN_SCI 7332 or equivalent and BIOCHM 4270.
Animal Science	772	AN_SCI 940	G	Gonadal Function	(same as BIOMED 9434). Prerequisites: AN_SCI 4314, biochemistry or cell biology and AN_SCI 8420.

Anthropology	937	ANTHRO 7	G	Topics in Anthropology-General	Problems, topics, issues, or review of research; experimental development of new contact areas. Specific content varies depending on needs of faculty or students and will be announced in advance.
Anthropology	925	ANTHRO 7	G	Environment and Archaeology	(cross-leveled with ANTHRO 4200). Study of quaternary environments and cultural systems. Focuses on North American records emphasizing climate and biologic components of regional ecosystems; regional environmental reconstruction.
Anthropology	907	ANTHRO 7	G	Comparative Social Organization	(cross-leveled with ANTHRO 4300). Cross-cultural comparison, analysis of social structures. Role of kinship, age, sex, locality, economics, religion and other factors in determining relationships between individuals and groups cross culturally.
Anthropology	958	ANTHRO 7	G	Cultural Evolution and Change	(cross-leveled with ANTHRO 4340). Alternative hypotheses about the relationship between culture and evolution are evaluated in light of ethnographic evidence.
Anthropology	902	ANTHRO 7	G	Psychological Anthropology	Examines cross-cultural approaches to the study of perception, cognition, and personality; methods for gathering and validating data; examples from non-Western societies.
Anthropology	895	ANTHRO 7	G	Medical Anthropology	(cross-leveled with ANTHRO 4360). Cross-cultural study of belief systems concerning health and illness, practices of diagnosis and treatment, and roles of patients and practitioners. Several non-Western health care systems are studied in detail.
Anthropology	18212	ANTHRO 7	G	Anthropology of Gender	(same as WGST 7370; cross-leveled with ANTHRO 4370 and WGST 4370) The Anthropology of Gender Introduces the student to the variation in the relationships between males and females; and between men, women, and other genders from around the world. The different approaches to understanding and modeling gender are discussed, as are specific case-studies from many different cultures.

Anthropology	1028	ANTHRO 7	G	Anthropological Theory of Religions	(same as REL_ST 7380; cross-leveled with ANTHRO 4380 and REL_ST 4380). Course provides a critical evaluation of anthropological explanations of various forms of traditional religious behavior such as magic, shamanism, divination, ritual, mythology and witchcraft. The anthropological explanations examined range from nineteenth century classics to the current approaches of today.
Anthropology	930	ANTHRO 7	G	Language and Culture	(same as LINGST 7400; cross-leveled with ANTHRO 4400 and LINGST 4400). Interrelations between language, thought, culture, and society; role of language in cognition; methods and concepts of linguistics in cultural analysis.
Anthropology	888	ANTHRO 7	G	Gender, Language, and Communication	(same as COMMUN 7412 and LINGST 7412; cross-leveled with ANTHRO 4412, COMMUN 4412 and LINGST 4412). Relationship among gender, language, nonverbal communication, and culture.
Anthropology	884	ANTHRO 7	G	Historical Linguistics	(same as LINGST 7420; cross-leveled with ANTHRO 4420 and LINGST 4420). Methods of tracing the history of languages by glottochronology, and by comparative and internal reconstructions; cultural and linguistic implications of such reconstructions and of areal linguistics.
Anthropology	966	ANTHRO 7	G	Human Biological Variation	(cross-leveled with ANTHRO 4540). Human biological variation both among and within living populations. Evolutionary, genetic, ecological, demographic and especially cultural factors which contribute to biological variation.
Anthropology	890	ANTHRO 7	G	Evolutionary Medicine	(cross-leveled with ANTHRO 4580). Principles of modern evolutionary theory are applied to medical problems. Topics include: function of symptoms (fever, nausea, etc.); strategies of pathogens; senescence; cancer; phylogenetic constraints; mental disorders. Ideas will be actively discussed in class.

Anthropology	948	ANTHRO 7	G	Celtic and Iron Age Archaeology	(cross-leveled with ANTHRO 4740). Analysis of the pre- and protohistoric sociocultural systems of the Celts and other iron-using tribal cultures of western Eurasia from the inception of an iron based technology until the full historic period. Includes the symbolic material of these cultures.
Anthropology	18538	ANTHRO 7	G	Cultures and Society in South Asia	(same as S_A_ST 7790; cross-leveled with ANTHRO 4790 and S_A_ST 4790).). Survey of the cultures, social organizations, and lived experience of people from across the Indian subcontinent. Major topics include cast, kinship, gender, religion, village life, urbanization, public culture, popular culture, social change, and the South Asian Diaspora.
Anthropology	893	ANTHRO 7	G	Demographic Anthropology	(cross-leveled with ANTHRO 4880). The major topics considered in this course are basic demographic analysis, including life tables, models for population growth and stable population theory; fertility analysis; disease and fertility; disease in human populations; and paleodemography.
Anthropology	876	ANTHRO 7	G	Internship in Anthropology	Students will work for a semester in a community-based organization (NGO, nonprofit, for profit, or governmental). They will conduct a research study in coordination with that agency. Upon completion of the research study, students will prepare a final report to be given to the agency and turned in for course credit. The course coordinator will help students identify and make contact with interested organization and oversee their progress during the internship. Graded on S/U basis only. Prerequisites: coordinator's consent.
Anthropology	939	ANTHRO 7	G	Graduate Readings in Anthropology	Directed readings in ethnology, linguistics, archaeology, or physical anthropology not leading to thesis. Prerequisites: instructor's consent.
Anthropology	1007	ANTHRO 7	G	Non Thesis Research in Anthropology	Original research not leading to the preparation of a thesis or dissertation. Prerequisites: instructor's consent.

Anthropology	1006	ANTHRO 8	G	Topics in Anthropology-General	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and is announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	1022	ANTHRO 8	G	Masters Thesis Research in Anthropology	Advanced work leading to thesis. Graded on a S/U basis only. Prerequisites: consent of major advisor.
Anthropology	1021	ANTHRO 8	G	Seminar in Folklore	(same as ENGLISH 8700 and REL_ST 8700). Roots of folklore scholarship and methodology; their evolution in modern approaches to the study of oral, traditional, verbal genres; and their performance in natural folk groups. May repeat to twelve hours with departments consent.
Anthropology	1012	ANTHRO 8	G	Seminar in Psychological Anthropology	Focuses on developments in psychological anthropology, cross-cultural psychology. Special attention on cognition, perception, socialization, personality assessment, psycho-cultural change, psycho-linguistics, psychometrics, within cross-cultural contexts. May be repeated to 6 hours maximum.
Anthropology	998	ANTHRO 8	G	Seminar in Health Anthropology	We survey the field of health behaviors from an anthropological perspective. We ask, what are health behaviors? and what models have social scientists proposed to account for such actions? May be repeated to 6 hours maximum.
Anthropology	940	ANTHRO 8	G	Graduate Readings in Anthropology	Directed readings in ethnology, linguistics, archaeology, or physical anthropology not leading to thesis. Prerequisites: instructor's consent.
Anthropology	1008	ANTHRO 8	G	Non Thesis Research in Anthropology	Original research not leading to the preparation of a dissertation. Prerequisites: consent of major advisor.
Anthropology	1023	ANTHRO 9	G	Doctoral Dissertation Research in Anthropology	Advanced work leading to dissertation. Graded on a S/U basis only. Prerequisites: consent of major advisor.
Architectural Studies	7205	ARCHST 7	G	Topics in Environmental Design	Selected current topics in field of interest.
Architectural Studies	7203	ARCHST 7	G	Problems in Environmental Design	Supervised independent work. Prerequisites: 3000-level course in field of problem and instructor's consent.

Architectural Studies	5039	ARCHST 7	G	Materials, Methods and Products	Inherent qualities of materials used in the design of interior environments. Manufacturing, application, and installation methods. Focus on environmentally sensitive materials. Prerequisites: MATH 1100 or MATH 1120.
Architectural Studies	19615	ARCHST 7	G	Energy-Efficient Building Design	This course is a broad study of energy use and energy-efficient strategies for buildings. The course will cover the fundamentals of climate-based design, energy-efficient heating/cooling/daylighting strategies, alternative energy systems applicable to buildings, energy auditing/modeling/verification, applicable building energy codes, and high performance building technologies. Recommended for graduate students with undergraduate degrees and experience in engineering, architecture, and/or building science.
Architectural Studies	7223	ARCHST 7	G	Recent Trends in Environmental Design	Upper-division students seeking additional knowledge in specific subject matter areas including digital media software.
Architectural Studies	18134	ARCHST 7	G	Shaping Human Settlements	Review classic designs and designers, key concepts and enduring issues of community design within the overall framework of environmental design.
Architectural Studies	18811	ARCHST 7	G	Physical Function and Older Adults	(same as F_C_MD 7750, HMI 7750, H_D_FS 7750, NURSE 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.
Architectural Studies	18788	ARCHST 7	G	Psychosocial Function and Older Adults	(same as F_C_MD 7751, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.

Architectural Studies	18135	ARCHST 7	G	Place-Making in Community Design	Ideologies, case studies and participatory methods on place-making in community design. Use processes to design a place-making scheme in actual community project.
Architectural Studies	19867	ARCHST 7	G	Human Factors Research for Design	(cross-leveled with ARCHST 4963). Investigate effect of people's physical psychological, social functions in environments of differing scales. Use research techniques of photo-interviewers, mapping, and user analysis to develop an appropriate program for redesign.
Architectural Studies	7230	ARCHST 8	G	Research Methods in Environmental Design	A comparative study of quantitative and qualitative methods in environmental design with emphasis on research results and analyses. Lectures and seminar discussions. Prerequisites: 12 hours advanced design.
Art History and Archaeology	1385	AR_H_A 7	G	Gender and the Arts	(same as WGST 7120; cross-leveled with AR_H_A 4120, WGST 4120). Exploration of the relationship between the visual arts and constructions of gender and sexuality in selected eras. Prerequisites: instructor's consent.
Art History and Archaeology	1430	AR_H_A 7	G	Museum Studies	Functions and history of museums and interrelations among departments, including those of director, curator, registrar, education, conservation, and marketing. Topics include acquisitions policies; public outreach; role of architecture; and philosophical and legal issues pertaining to administration of museums. Prerequisites: instructor's consent.
Art History and Archaeology	1333	AR_H_A 7	G	Greek Pottery	(cross-leveled with AR_H_A 4350). Examination of pottery and vase painting with an emphasis on production, iconography, and social context. Prerequisites: instructor's consent.
Art History and Archaeology	1373	AR_H_A 7	G	Art and Ideas in the Northern Renaissance	(cross-leveled with AR_H_A 4660). Discussion of selected topics in painting and sculpture and their artistic and cultural relationships from the 14th through the 16th century in northern Europe. Prerequisites: instructor's consent.

Art History and Archaeology	1431	AR_H_A 8	G	Museum Studies Seminar	Appropriate means for care and display of artifacts. Topics include: accessioning, cataloging, retrieval of information, and laws and ethics of collecting; the museum environment and its monitoring; condition reports, shipping and storage, and conservation. Field trips. Prerequisites: instructor's consent.
Art History and Archaeology	1410	AR_H_A 8	G	Seminar in Medieval Art and Archaeology	Specific subjects of study will be assigned to students for presentation in relation to broader questions of the cultural/ historical phenomena of the time, from ca 700 to ca 1400. Prerequisites: instructor's consent.
Atmospheric Sciences	1482	ATM_SC 7	G	Atmospheric Phenomena in Physical and Earth Science	(cross-leveled with ATM_SC 4070). Description of atmospheric processes using lecture and simple laboratory activities for science teachers.
Atmospheric Sciences	18679	ATM_SC 7	G	Remote Sensing for Meteorology and Natural Resources	(cross-leveled with ATM_SC 4510). Principles of remote sensing with emphasis on the properties of atmosphere and the earth's surface from airborne and satellite sensors. The techniques for using geosynchronous and orbiting satellite platforms for assessing weather and natural resource features. Graduate student credit is dependent upon completion of additional advanced research assignments. Graded on A-F basis only.
Atmospheric Sciences	1480	ATM_SC 7	G	Environmental Biophysics	(same as GEOG 7520; cross-leveled with ATM_SC 4520, GEOG 4520). Students will learn techniques and principles used to describe the microenvironment of living organisms and use quantitative expressions to estimate missing values, and mass transfer laws to estimate flux of energy, water, and gas. Prerequisites: college physics, calculus I.
Atmospheric Sciences	1522	ATM_SC 8	G	Advanced Climate Dynamics	Study of global climate; application of large scale atmospheric dynamics; conservation of various forms of energy, climatic evaluation, large scale climatic modification. Prerequisites: ATM_SC 4320 or ATM_SC 7320 and ATM_SC 8400 or ATM_SC 3600.

Bioengineering	1632	BIOL_EN 7	G	Soil and Water Conservation Engineering	(same as CV_ENG 7710; cross-leveled with BIOL_EN 4150, CV_ENG 4150). Urban and rural run-off and erosion analysis. Design and layout of erosion control structures. Prerequisites: BIOL_EN 2180 or CV_ENG 3200, or instructor's consent.
Bioengineering	1629	BIOL_EN 7	G	Design of Livestock Waste Management Systems	(cross-leveled with BIOL_EN 4550). Development and application of design criteria to the design of agricultural waste management facilities. Prerequisites: CHEM 1310 and CV_ENG 3700, MAE 3400 or instructor's consent.
Bioengineering	1654	BIOL_EN 8	G	Natural Systems for Wastewater Treatment	Emphasis is on the design, management and biological performance of lagoons, overland flow systems and constructed wetland. Prerequisites: CV_ENG 7230 and BIOL_EN 7150 or instructor's consent.
Bioengineering	448	BIOL_EN 8	G	Water Management Theory	Advanced studies in erosion control, irrigation, and drainage. Water resources engineering. Prerequisites: MATH 1500, Computer Engineering and Computer Science course, SOIL 4307 or SOIL 7307 and Soil Conservation course.
Biological Science	5938	BIO_SC 79	G	Cellular Interactions in Health and Disease	(cross-leveled with BIO_SC 4980). Advanced discussion of topics in cell biology and genetics as they relate to health and disease. Graded on A-F basis only. Prerequisites: instructor's consent.
Black Studies	20007	BL_STU 72	G	Social Perspectives on Gender and Emotion	(same as SOCIOL 7235 and WGST 7235; cross-leveled with BL_STU 4235, SOCIOL 4235, WGST 4235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only.
Black Studies	1760	BL_STU 72	G	African-Americans in the Twentieth Century	(same as HIST 7270). Surveys the African-American experience from 1900 to the present. Attention is given to economic, political, social, and cultural trends.
Black Studies	2098	BL_STU 73	G	The Black Family: Past, Present & Future	(same as H_D_FS 7300). Emphasis is on the unique social, economic, religious, educational and political environments that have affected the structure and function of the black family.

Black Studies	18232	BL_STU 74	G	African Americans and American Justice	(same as HIST 7415) This course provides opportunities to examine the judicial system and discuss selected court cases in which black men, women, or children were plaintiffs or defendants in local and national courts. Moreover, the readings will subject conventional wisdom about black Americans and the legal system to scrutiny while allowing students to witness" the mechanics of the courts and to asses long and short range social, economic, and political implications for Americans, black and white."
Black Studies	1735	BL_STU 78	G	African-American Religion	(same as REL_ST 7810). Examines the organization of major African American Christian denominations, Islam and religious movements. Twentieth century issues will be discussed, including sexism, classism and homophobia in church communities.
Black Studies	19520	BL_STU 78	G	Black Studies Abroad	This interdisciplinary study abroad course provides students with global experience within the African Diaspora, the opportunity to study in a foreign culture and augment their global competencies" and course of study across the three Black Studies tracks - History, Culture, and Society - as well support their study and/or career development. Graded on A-F basis only."
Black Studies	18957	BL_STU 80	G	Independent Readings in Black Studies	Readings on selected topics in Black Studies, with emphasis on the implications of the interdisciplinary and intersecting areas of History, Society, and Culture. May be repeated to a maximum of six hours. Prerequisites: Department Consent Required.
Black Studies	1765	BL_STU 84	G	Seminar in African Diaspora Theory and Literature Criticism	(same as ENGLSH 8410). Modern and contemporary African Diaspora criticism and theory including diverse approaches to literary and cultural studies. May be repeated to 12 hours with departmental consent.
Chemical Engineering	1889	CH_ENG 7	G	Hazardous Waste Management	(same as CV_ENG 7220; cross-leveled with CH_ENG 4220, CV_ENG 4220). Engineering principles involved in handling, collection transportation, processing and disposal of hazardous waste minimization, legislation on hazardous wastes and groundwater contamination.

Chemical Engineering	1873	CH_ENG 7	G	Chemodynamics	(cross-leveled with CH_ENG 4311). Environmental movement of chemicals in air, water, and soil; designed to introduce students to the basic principles and techniques useful for the prediction of the movement and fate chemicals in ecosystems. Prerequisites: CH_ENG 3234 or instructor's consent.
Chemical Engineering	1875	CH_ENG 7	G	Air Pollution Control	(cross-leveled with CH_ENG 4312). Modeling of urban air pollution and control techniques. Topics treated are plume dispersion theories, photochemistry, methods of monitoring, methods of industrial abatement and legal aspects. Prerequisites: CH_ENG 3234 or instructor's consent.
Child Health	2160	CH_HTH 6	G	Child Health Clerkship	Students have the opportunity to learn about common illnesses and abnormalities in children. Emphasis also is placed on the importance of preventive and developmental aspects of child care. Lectures and case presentations correlate with the clinical experiences.

Child Health	2179	CH_HTH 6	G	Child Adolescent Medicine	<p>Goals/Objectives: To teach 4th year students the intricacies of care of the adolescent patient. Specifically, the rotation will address the adolescent interview, important considerations in the adolescent check-up", and managing the varied problems in adolescents, from attention deficit disorder to eating disorders and gynecological issues. The student will leave the rotation with a better understanding of the care of adolescents. CURRICULUM: These objectives will be met in the following manner: 1) Student will actively participate in adolescent medicine clinic with both clinical attendings. He/she will be responsible for the initial evaluation of the patients in the clinic, will actively participate in clinical decision-making, and will be responsible for helping with patient write-ups and referral letters (at the discretion of the attending). The student will be expected to function on an extern level, following up on laboratory evaluations and checking in with patients seen, when needed. 2) The student will participate in the adolescent interview practice sessions with the interact teen theatre with the residents on the rotation. This process will help to improve interviewing skills with adolescents. 3) The student will be responsible for helping with any inpatient care, including consultations and/or admissions. 4) The student will be asked to identify particular areas of interest to be used as topics for interactive discussion with one of the attendings or for a short paper.Prerequisites: Child Health Clerkship."</p>
Civil/Environmental Engr	18495	CV_ENG 7	G	Transportation Geography	<p>(same as GEOG 7850) Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.</p>

Civil/Environmental Engr	18495	CV_ENG 7	G	Transportation Geography	(same as GEOG 7850; cross-leveled with CV_ENG 4155, GEOG 4850). Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.
Civil/Environmental Engr	2264	CV_ENG 7	G	Solid Waste Management	Engineering principles involved in generation, handling, collection, transport, processing, and disposal of solid wastes, resource recovery and reuse, legislation on solid wastes and groundwater contamination problems.
Civil/Environmental Engr	2264	CV_ENG 7	G	Solid Waste Management	(cross-leveled with CV_ENG 4210). Engineering principles involved in generation, handling, collection, transport, processing, and disposal of solid wastes, resource recovery and reuse, legislation on solid wastes and groundwater contamination problems.
Civil/Environmental Engr	2266	CV_ENG 7	G	Hazardous Waste Management	(same as CH_ENG 7220). Engineering principles involved in handling, collection, transportation, processing and disposal of hazardous wastes, waste minimization, legislation on hazardous wastes and groundwater contamination.
Civil/Environmental Engr	2266	CV_ENG 7	G	Hazardous Waste Management	(same as CH_ENG 7220; cross-leveled with CV_ENG 4220, CH_ENG 4220). Engineering principles involved in handling, collection, transportation, processing and disposal of hazardous wastes, waste minimization, legislation on hazardous wastes and groundwater contamination.
Civil/Environmental Engr	2305	CV_ENG 7	G	Introduction to Water Quality	Methods for determining and characterizing water quality, effects of pollution on streams and lakes, and an introduction to engineered systems for the distribution, collection and treatment of water and wastewater..

Civil/Environmental Engr	2305	CV_ENG 7	G	Introduction to Water Quality	(cross-leveled with CV_ENG 4230). Methods for determining and characterizing water quality, effects of pollution on streams and lakes, and an introduction to engineered systems for the distribution, collection and treatment of water and wastewater..
Civil/Environmental Engr	18496	CV_ENG 7	G	Water and Wastewater Treatment Facilities	Physical, chemical, and biochemical processes for treating drinking water supplies and wastewaters (domestic and industrial), with emphasis on planning and design of such facilities. Prerequisites: CV_ENG 4230 or CV_ENG 7230 or instructor's consent.
Civil/Environmental Engr	18496	CV_ENG 7	G	Water and Wastewater Treatment Facilities	(cross-leveled with CV_ENG 4232). Physical, chemical, and biochemical processes for treating drinking water supplies and wastewaters (domestic and industrial), with emphasis on planning and design of such facilities. Prerequisites: CV_ENG 4230 or CV_ENG 7230 or instructor's consent.
Civil/Environmental Engr	2315	CV_ENG 7	G	Water Quality Analysis	Chemical, physical and biological methods for analysis of streams, lakes, wastewaters and water supplies and their use in water quality management. Prerequisites: C- or better in CV_ENG 4230 or instructor's consent.
Civil/Environmental Engr	2309	CV_ENG 7	G	Environmental Engineering Microbiology	Theory and application of fundamental principles of microbiology, ecology, and aquatic biology of the microorganisms of importance to sanitary engineers.
Civil/Environmental Engr	2309	CV_ENG 7	G	Environmental Engineering Microbiology	(cross-leveled with CV_ENG 4270). Theory and application of fundamental principles of microbiology, ecology, and aquatic biology of the microorganisms of importance to sanitary engineers.
Civil/Environmental Engr	2313	CV_ENG 7	G	Wastewater Treatment and Process Design	Selection and use of wastewater and sludge treatment processes, disposal methods, leading to rational design of overall wastewater treatment systems. Sustainable wastewater treatment including advanced processes in nutrient removal, anaerobic treatment for wastewater reuse. Graded on A-F basis only.

Civil/Environmental Engr	2313	CV_ENG 7	G	Wastewater Treatment and Process Design	(cross-leveled with CV_ENG 4290). Selection and use of wastewater and sludge treatment processes, disposal methods, leading to rational design of overall wastewater treatment systems. Sustainable wastewater treatment including advanced processes in nutrient removal, anaerobic treatment for wastewater reuse. Graded on A-F basis only.
Civil/Environmental Engr	2409	CV_ENG 7	G	Geotechnics of Landfill Design	This course will focus on geotechnical and construction aspects in the analysis, design and construction of waste containment facilities (landfills) including expansions of existing facilities. Prerequisites: instructor's consent.
Civil/Environmental Engr	2409	CV_ENG 7	G	Geotechnics of Landfill Design	(cross-leveled with CV_ENG 4406). This course will focus on geotechnical and construction aspects in the analysis, design and construction of waste containment facilities (landfills) including expansions of existing facilities. Prerequisites: instructor's consent.
Civil/Environmental Engr	2410	CV_ENG 7	G	Soil and Water Conservation Engineering	(same as BIOL_EN 7150; cross-leveled with CV_ENG 4710, BIOL_EN 4150). Urban and rural run-off and erosion analysis. Design and layout of erosion control structures. Prerequisites: BIOL_EN 3200 or CV_ENG 3200 or instructor's consent.
Civil/Environmental Engr	2370	CV_ENG 8	G	Groundwater Pollution Evaluation and Modeling	Fundamentals of groundwater hydraulics and groundwater contamination. Use and development of computer models to simulate flow and pollutant transport. Prerequisites: CV_ENG 3700, MATH 4100, or instructor's consent.
Civil/Environmental Engr	2371	CV_ENG 8	G	Advanced Hazardous Waste Treatment Processes	Course includes some introductory materials about hazardous waste regulations followed by advanced treatment methods such as air stripping, soil-vapor extraction, chemical oxidation, membrane processes, in-situ and ex-situ biotreatment methods, solidification and thermal processes. Prerequisites: CV_ENG 4220.

Civil/Environmental Engr	2413	CV_ENG 8	G	Aquatic Chemistry	Principles of chemical thermodynamics and equilibrium applied to processes in natural water and water and wastewater treatment systems. Emphasis on quantitative analyses of acid/base, complexation/dissociation, precipitation/dissolution, and reduction/oxidation reactions. Graded on A-F basis only.
Civil/Environmental Engr	2396	CV_ENG 8	G	Unit Process Laboratory	Studies chemical and physical relationships as applied to unit processes of water and wastewater.
Civil/Environmental Engr	2397	CV_ENG 8	G	Physiochemical Treatment Processes	Fundamental principles, analysis and modeling of physical and chemical processes for water and wastewater treatment.
Civil/Environmental Engr	2398	CV_ENG 8	G	Biochemical Treatment Processes	Biochemical principles, kinetic models and energy considerations in the design of biological wastewater treatment processes.
Civil/Environmental Engr	2399	CV_ENG 8	G	Environmental Biotechnology	Major biochemical reactions relevant to environmental engineering. Theory and application of fundamental principles of attached and suspended microbial growth and process engineering for sanitary engineering and biodegradation. Prerequisites: CV_ENG 8250 or instructor's consent.
Civil/Environmental Engr	2400	CV_ENG 8	G	Design of Water and Wastewater Treatment Facilities	Development of design criteria and their application to the design of water and wastewater treatment facilities.
Civil/Environmental Engr	2402	CV_ENG 8	G	Engineering Aspects of Water Quality	Theoretical aspects of biological, chemical, physical processes; applications in water, wastewater, industrial-waste treatment processes, natural water systems; chemical equilibria, flow models; reaction kinetics on process design, pollutants. Prerequisites: CV_ENG 4230 or instructor's consent.
Civil/Environmental Engr	2403	CV_ENG 8	G	Environmental Practicum	Application of advanced analysis and design techniques to practical problems in environmental engineering. Collaborative group investigations that may include experimental and computer-aided studies. No more than 6 practicum hours may be applied toward the MS degree. Graded on A-F basis only. Prerequisites: graduate standing in Civil Engineering.

Civil/Environmental Engr	2384	CV_ENG 8	G	Wind Engineering	Study of wind effects on the safety of engineering structures, air pollution and building energy consumption, and the use of wind. Prerequisites: CV_ENG 3700.
Civil/Environmental Engr	2394	CV_ENG 8	G	Research-Masters Thesis in Civil & Environmental Engineering	Independent investigation in the field of civil engineering to be presented in the form of a thesis. Graded on a S/U basis only.
Civil/Environmental Engr	2395	CV_ENG 9	G	Research-Doctoral Dissertation Civil & Environmental Engineering	Independent investigation in the field of civil engineering to be presented in the form of a thesis. Graded on a S/U basis only.
Communication	2691	COMMUN	G	Gender, Language, and Communication	(same as LINGST 7412, ANTHRO 7412; cross-leveled with COMMUN 4412, LINGST 4412, ANTHRO 4412). Relationship among gender, language, nonverbal communication, and culture.
Communication	2697	COMMUN	G	New Technologies and Communication	Explores the social implications of new technologies designed for communication. Assumes basic computer knowledge.
Communication	2726	COMMUN	G	Topics in Interpersonal Communication	The course will review theory and research on topics related to the study of communication and interpersonal relationships. Subjects will rotate and include areas such as relational conflict, gender communication, nonverbal communication, intercultural communication, or interpersonal violence and communication. Prerequisites: instructor's consent.
Communication	2714	COMMUN	G	Seminar in Mass Media Effects	Explores current research in the processes and effects of mass communication. Readings pertain to the current social and psychological effects of media on viewers.
Communication Sci & Disorders	2751	C_S_D 734	G	Aural Rehabilitation	Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education, and social factors. Prerequisites: C_S_D 3230 and C_S_D 4330.

Communication Sci & Disorders	2751	C_S_D 734	G	Aural Rehabilitation	(cross-leveled with C_S_D 4340). Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education, and social factors. Prerequisites: Communication Science and Disorders majors only.
Economics	3502	ECONOM	G	History of Economic Thought	(cross-leveled with ECONOM 4320). Origins of modern economic thought in the context of social and intellectual environment of the time in which they originated, their contribution to their period and to modern thought. Prerequisites: ECONOM 1014 or ECONOM 1024 and ECONOM 1015 or ECONOM 1051H.
Economics	3505	ECONOM	G	The International Monetary System	(cross-leveled with ECONOM 4325). Study of macroeconomic and monetary relationships between the US and the world. Topics include balance of payments, foreign exchange rates, history of the international monetary system. Prerequisites: ECONOM 3229.
Economics	3507	ECONOM	G	Economics of International Trade	The microeconomic theory of international trade. Topics include comparative advantage, the theory of commercial policy, economic integration, trade with LDC's and the trade effects of economic growth. Prerequisites: ECONOM 7351 or instructor's consent.
Economics	3507	ECONOM	G	Economics of International Trade	(cross-leveled with ECONOM 4326). The microeconomic theory of international trade. Topics include comparative advantage, the theory of commercial policy, economic integration, trade with LDC's and the trade effects of economic growth. Prerequisites: ECONOM 7351 or instructor's consent.

Economics	3524	ECONOM	G	Intermediate Microeconomics	Theory of rational behavior in consumption, production, and pricing decisions of households and firms. Partial equilibria in product and factor markets under competition, monopoly, oligopoly and monopolistic competition. A brief introduction to general equilibrium and welfare economics is provided. Calculus is employed. No credit for students who have completed 3251. Prerequisites: ECONOM 1014 or ECONOM 1024 or ECONOM 1051H and MATH 1320 or equivalent.
Economics	3524	ECONOM	G	Intermediate Microeconomics	(cross-leveled with ECONOM 4351). Theory of rational behavior in consumption, production, and pricing decisions of households and firms. Partial equilibria in product and factor markets under competition, monopoly, oligopoly and monopolistic competition. A brief introduction to general equilibrium and welfare economics is provided. Calculus is employed. No credit for students who have completed 3251. Prerequisites: (ECONOM 1014 or ECONOM 1024 or ECONOM 1051) and MATH 1400 or equivalent.
Economics	3537	ECONOM	G	Comparative Economic Systems	(cross-leveled with Econom 4361). Study of capitalism, market socialism, and central planning. Prerequisites: ECONOM 3229 and ECONOM 3251 or ECONOM 4351.
Economics	3539	ECONOM	G	Welfare Economics	(cross-leveled with EcoNOM 4362). Role of value judgments; meaning and measurement of economic welfare; interpersonal comparisons; cardinal and ordinal utility; Pareto optimality, conflicts of interest and distribution of income; individual values and social choice. Prerequisites: ECONOM 4351.
Economics	3551	ECONOM	G	Structural Change in Economic History	(cross-leveled with ECONOM 4384). Explores changes in the structure of the American economy from its earliest colonial beginnings. Structural change, an integral part of growth, is related to technical change, population growth and to the content and form of economic theory. Prerequisite: ECONOM 1014 or ECONOM 1024 and ECONOM 1015, or ECONOM 1051H or instructor's consent.

Economics	3560	ECONOM	G	Microeconomic Theory	MA-level course in microeconomic theory. The course relies extensively on calculus to survey theories of: rational behavior in consumption, production, and pricing decisions of households and firms; partial equilibria in product and factor markets under competition, monopoly, oligopoly and monopolistic competition; and general equilibrium and welfare.
Economics	3570	ECONOM	G	International Finance	International monetary theory and macroeconomic equilibrium in open economies. Prerequisites: ECONOM 4353 and ECONOM 4371 or equivalents.
Economics	3571	ECONOM	G	International Trade	Pure theory of international trade and commercial policy. Prerequisites: ECONOM 9452 or instructor's consent.
Economics	18032	ECONOM	G	Topics in International Trade	The course will cover recent research in International Trade and important issues related to the impact of trade on economic growth and development. Topics include the relationship between trade and growth, the impact of international trade on firms, households and economic growth. Graded on A-F basis only. Prerequisites: ECONOM 9452 or instructor's consent.
Economics	3572	ECONOM	G	Advanced Money and Banking	The working and structure of institutional arrangements, welfare aspects of structural policies, operation of money and credit markets, and behavior of returns on assets. Prerequisites: ECONOM 9452 or instructor's consent.
Economics	3561	ECONOM	G	Advanced Microeconomic Theory II	Survey of equilibrium theory and market failures in economics. Topics include the structure and modeling of games, and cooperative and non-cooperative equilibrium concepts. Prerequisite: ECONOM 9451 or instructor's consent.
Economics	3582	ECONOM	G	Public Utility Regulation	The rationale for and policies towards regulated monopolies. Includes the theory of natural monopoly, Ramsey prices, contestable markets, and sustainability. The economics of regulation, deregulation, and reregulation will be discussed. Prerequisites: ECONOM 8451.

Ed Leadership & Pol Analysis	14695	ED_LPA 7	G	Inquiring into Schools, Community and Society II	(same as ED_LPA 4060). Required 3 hours course for students pursuing teacher certification. Designed to transition students into the teaching internship through study of teacher roles, school organizations and cultures, and community contexts. Prerequisites: LTC 2040 and LTC 7040
Ed Leadership & Pol Analysis	13352	ED_LPA 7	G	Sociology of Education	(same as SOCIOL 7410; cross-leveled with SOCIOL4410). Contexts, structures and processes of schooling; effects on class, race, ethnicity and gender; social change, educational policy, and organizational dynamics; higher education and the economy. Prerequisites: SOCIOL 1000 or equivalent.
Ed Leadership & Pol Analysis	13352	ED_LPA 7	G	Sociology of Education	(same as SOCIOL 7410; cross-leveled with SOCIOL 4410). Contexts, structures and processes of schooling; effects on class, race, ethnicity and gender; social change, educational policy, and organizational dynamics; higher education and the economy. Prerequisites: SOCIOL 1000 or equivalent.
Ed Leadership & Pol Analysis	3994	ED_LPA 8	G	Learning Cultures	Integrates the themes of building a common purpose to enhance school culture, empowering teachers and students, and diversity. Topics include importance of shared mission and vision, the use of group processes and collaboration, the intricacies of school culture, and ethical and moral leadership.
Ed Leadership & Pol Analysis	3995	ED_LPA 8	G	Leadership for Collaborative Cultures	This course will instill an understanding of major components of purposeful, systemic change, interpersonal relationships, communication and organizational management. The development of an appreciation of diversity, equity, and democracy for all students will be an ongoing theme of the course.
Ed Leadership & Pol Analysis	19547	ED_LPA 9	G	Social Theory in Education	Students will examine the relationship of society and education through a variety of theoretical perspectives and empirical studies. These theories deal with the relation of education to society as a whole, and the relation between education and the state. Graded on A-F basis only.

Ed Leadership & Pol Analysis	3797	ED_LPA 94	G	Superintendent: Communication, Team Leadership	Effective superintendents negotiate political and cultural challenges to lead diverse, socially-just school systems. Reflective practices that enhance competence in public board member, and district personnel relationships are essential skills. Graded on A-F basis only.
Ed Leadership & Pol Analysis	6574	ED_LPA 94	G	Race, Gender, and Ethnicity in Higher Education	(same as WGST 9440). Historical and current issues of race, gender, and ethnicity in colleges and universities in the U.S. Issues include: students, faculty, and staff experiences of diversity, access and equity, and salience of diversity in a higher education setting.
Ed Leadership & Pol Analysis	19060	ED_LPA 94	G	Higher Education Policy	An overview of current higher education policy issues facing governmental bodies and institutions. An emphasis is placed on investigating both the policy-making and policy-evaluation processes through multiple theoretical lenses. Specific topics explored include access, equity, and accountability within the higher education setting.
Ed Leadership & Pol Analysis	13356	ED_LPA 94	G	Comparative and International Education	Theories, methods and issues in the field of comparative and international education. Topics cover PK-16 education and include globalization, centralization and decentralization, equity and equity, teaching and student learning, and social context of education.
Ed Leadership & Pol Analysis	13361	ED_LPA 94	G	Theory and Practice in Multicultural Education	Designed to give educational professionals a better understanding of the theoretical foundations of multicultural education as well as current practices in this field.
Educ School & Counsel Psych	3035	ESC_PS 71	G	Foundations of Counseling Psychology	Survey of contemporary theories underlying individual, feminist, family systems, and multicultural approaches to counseling. Introduction to professional and ethical issues in Counseling Psychology. Prerequisites: departmental consent.
Educ School & Counsel Psych	3016	ESC_PS 71	G	Foundations of Rehabilitation	The vocational and independent living rehabilitation system for disabled persons. Concept of disability, its social psychological implications, and techniques of preparing disabled persons for adult adjustment. Prerequisites: PSYCH 1000.

Educ School & Counsel Psych	4033	ESC_PS 71	G	Health Behaviors: Drug and Sexuality Education	Psychological, social and physical factors related to drug taking and sexuality behaviors. Prerequisites: LTC 1310 or equivalent or instructor's consent.
Educ School & Counsel Psych	21026	ESC_PS 72	G	Mindfulness, Meditation and Wellbeing	This class explores both the historical roots and contemporary research related to mindfulness, meditation, and their impacts on wellbeing. Through readings, video presentations and applied practices students will expand their knowledge of meditation and Eastern influences on psychology. Students will also be encouraged to increase their personal awareness of the relationships between stress reduction, present moment and mind/ body awareness, and mindfulness practices. Students will be challenged to integrate a regular meditation practice into their daily routine and, through diverse readings, be introduced to cross-cultural perspectives on human health, psychology, and wellbeing. Graded on A-F basis only.
Educ School & Counsel Psych	19412	ESC_PS 74	G	Foundations of School Mental Health	Explores the history, foundations, and implementation of an expanded framework of school mental health focusing on collaborative and interdisciplinary approaches to supporting the wellness and school success of youth. Introduces professional working in or with schools to the school mental health framework emphasizing a behavioral health continuum of care, links between mental health and academic performance, a comprehensive system of learning supports, and data-based decision-making.

Educ School & Counsel Psych	21027	ESC_PS 75	G	MU Youth Development Academy: Positive Youth Development in Practice	(cross-leveled with ESC_PS 4575). This course prepares students to apply principles of positive youth development to practice, including leading youth programs, developing organizational and community systems that support youth, and engaging others to create positive environments in which youth ages 5-19 grow, thrive, and make successful transitions to adulthood. Course topics include ages and stages of development, experiential learning, program planning, diversity and inclusion, youth/adult partnerships, volunteer systems, risk management, community partnerships, and creating environments for healthy relationships. Graded on A-F basis only. Prerequisites: restricted to graduate students (Master's and PhD). Recommended: Prior course work in education, human development, family studies, sociology, social work, or other child and youth-related programs is highly preferred.
Educ School & Counsel Psych	3965	ESC_PS 80	G	Advanced Adolescent Development	Analysis of normal adolescent psychological development, including the cognitive, affective, academic, physiological, moral and social parameters. Applications with typical adolescent problems are emphasized. Prerequisites: ESC_PS 4100 or ESC_PS 7100.
Educ School & Counsel Psych	4034	ESC_PS 80	G	Child and Adolescent Development	A comprehensive analysis of normal development across the lifespan with a primary focus on children and adolescents. Will investigate the cognitive, affective, academic, physical, moral and social/cultural/racial domains. Examples of atypical development will be discussed. Graded on A-F basis only. Prerequisites: ESC_PS 4100 or equivalent.

Educ School & Counsel Psych	19061	ESC_PS 80	G	Lifespan Development	A comprehensive analysis of normal development across the lifespan with a primary focus on children and adolescents. Will investigate the cognitive, affective, academic, physical, moral, social/cultural/racial, religious/spiritual and sexual domains. Examples of atypical development will be discussed. Prerequisites: ESC_PS 4100 or equivalent. Consent of instructor required.
Educ School & Counsel Psych	3057	ESC_PS 81	G	Psychological Assessment of Adults	Students develop and practice skills in writing psychological reports with special emphasis on assessing psychological social-vocational functioning. Prerequisites: ESC_PS 8100.
Educ School & Counsel Psych	3037	ESC_PS 81	G	Foundations of Career Psychology	Theoretical orientations to counseling for career development; nature and structure of work, education, and leisure; work and family issues; career concerns of special populations; use of career information in counseling. Prerequisites: PSYCH 1000.
Educ School & Counsel Psych	11282	ESC_PS 82	G	Sport in America	Sociological perspectives of sport in America. Attention given to the influence of society on sport as in institution, and the role of sport as an agent of social change. Prerequisites: SOCIOL 1000 or PSYCH 1000.
Educ School & Counsel Psych	19757	ESC_PS 82	G	Gender Issues in Sport	Through a study of theory and applied practice, students will explore personal biases, understand intersecting identities and explore privilege and oppression at the individual, interpersonal, structural, and cultural level when considering gender awareness in sport.
Educ School & Counsel Psych	19686	ESC_PS 82	G	Multicultural Issues in Sport	The purpose of this course is to increase the level of multicultural awareness, knowledge, skills, and relationship of athletic coaches working with diverse student populations. Activities and assignments are designed to assist, encourage, and challenge each student to more fully develop awareness and knowledge of self, and to use this information to improve intercultural interactions with others in professional settings as well as other settings.

Educ School & Counsel Psych	20152	ESC_PS 83	G	Cultural Backgrounds and Learning	The course explores the influence of culture on the process of learning. Topics and discussions will center on learning within the K-12 classroom. Readings and assignments are tailored to engage students in practical classroom applications of the information and discussions within the course. At the conclusion of the course students will have a deep understanding of how culture shapes thinking, learning, behavior, and the classroom environment. Graded on A-F basis only.
Educ School & Counsel Psych	19963	ESC_PS 84	G	Effects of Maltreatment on Child and Adolescent Development	Course topics to be covered include 1) definitions of child maltreatment, 2) incidence and prevalence rates, 3) possible causes and consequences associated with child maltreatment, 4) treatment of survivors and perpetrators, and 5) prevention efforts. Important legal and ethical issues will be discussed, such as children's competence and eyewitness abilities, false allegations of abuse, mandated reporting, and investigative interviewing of children. Graded on A-F basis only.
Educ School & Counsel Psych	19354	ESC_PS 84	G	Mental, Emotional, and Behavioral Disorders in Youth	The course will include an overview of normal development and an investigation into specific deviations in intensity, frequency, and/or duration of normal development which impact the individual in his or her home, school, and community.
Educ School & Counsel Psych	19688	ESC_PS 84	G	Building Resiliency and Optimism in Youth	Examines risk and resiliency processes during childhood and adolescence. Focuses on defining resiliency; sources of risks and protective factors within families, schools, and communities; prevention programs targeting early, middle childhood and adolescence. Promotion of one's own resiliency and well-being discussed. Special topics include strengths-based models of resiliency, resiliency and family difficulties, violence and maltreatment, poverty, dropout, and school/community-based prevention and intervention.

Educ School & Counsel Psych	19356	ESC_PS 84	G	Diversity Issues in School Mental Health	The purpose of this course is to increase the level of multicultural awareness, knowledge, skills, and relationship of school personnel working with diverse student populations.
Educ School & Counsel Psych	19962	ESC_PS 84	G	Bully and Youth Violence: Prevention and Reduction	This course is a survey of current issues in bullying and youth violence with an emphasis on applications in the school environment. The course will present effective strategies for bullying and violence prevention within the school and in collaboration with the community at large. Students are encouraged to apply the course concepts to their work environment and develop tools for future practice in schools and other youth-serving settings. Graded on A-F basis only.
Educ School & Counsel Psych	19965	ESC_PS 84	G	Vital Issues in School Mental Health	The course is highly individualized in that students, as a group, will choose the specific topics to be covered. Readings and assignments have three foci: 1) improve understanding of each issue within a broader context of public mental health policy, prevention, intervention, and maintenance; 2) deepen student knowledge of the topic from practice and research-based sources; and 3) enable students to deal more effectively with those issues within relevant settings. Topics may include, but are not limited to: school dropout, substance use, self-injury/cutting, relational aggression, management of extreme behaviors, homelessness, divorce/death, eating disorders, pregnancy, ADHD, and many others. Graded on A-F basis only.
Educ School & Counsel Psych	19358	ESC_PS 84	G	Preventions and Interventions in School Mental Health	This course explores the role that educators and school mental health professionals play in promoting, prevention and early intervention practices for mental, emotional, and behavioral disorders in youth and considers the basic steps for designing, implementing and evaluating evidence based interventions.

Educ School & Counsel Psych	19966	ESC_PS 84	G	Proactive Behavior Management	This course provides a framework to a prevention-focused model of classroom support and behavior management. Prevention is less time-consuming in the long run and leads to more opportunities for learning and social engagement because discipline problems are not interfering with teaching. This course will include evidence based strategies to structure proactive learning environments that promote students' academic skills and competencies as well as their social and emotional development. Graded on A-F basis only.
Educ School & Counsel Psych	3049	ESC_PS 85	G	Medical and Psychological Aspects of Disability	Presentation of medical aspects of major disabilities and their effects upon social, vocational, personal, and economic adjustment. Study of basic restoration and accommodating services.
Educ School & Counsel Psych	20154	ESC_PS 85	G	Diversity and Multiculturalism II - Practical Application	This course is part two in the Multicultural Education Certificate series of online courses designed for students working in a broad range of professions, such as health care, social work, education, school counseling, administration, etc. Students will examine various topics on diversity and multiculturalism to enhance their personal and professional development. To this end, the milieu of this course will be a safe online environment that is conducive to open dialogue, self-reflection, critical thinking, and questioning, and one in which students can actively engage in the learning process through affective and cognitive approaches. Postings, along with relevant readings and assignments, will be used as the primary tools and resources for this collective learning experience. Graded on A-F basis only. Recommended: ESC_PS 8450.

Educ School & Counsel Psych	20155	ESC_PS 85	G	African American Education - Historic and Current Issues	Critical examination of the deculturalization of American educational system. Concepts of race, culture, and post racial society" are juxtaposed with social and systemic trends impacting African American students both in and out of the classroom. Pedagogical strategies are discussed. Graded on A-F basis only. Recommended: ESC_PS 8450."
Educ School & Counsel Psych	20156	ESC_PS 85	G	Immigrant Issues in Education	The purpose of this course is to increase the level of cross-cultural awareness, knowledge, and skills of school personnel working with students who are immigrants. It is designed to be practically and experientially oriented. Activities and assignments in the class are designed to assist, encourage, and challenge each student to more fully develop awareness and knowledge of self, and to use this information to improve intercultural interactions with others in professional settings as well as other settings. The anticipated outcome includes improved skills in conceptualizing the unique needs of and responding with appropriate approaches to effectively assist students who are immigrants. Graded on A-F basis only. Recommended: ESC_PS 8450.
Educ School & Counsel Psych	20157	ESC_PS 85	G	Gay, Lesbian and Bisexual Issues in the Schools	This online course seeks to expand your perspective, worldview, and knowledge of GLB individuals and in your work environments as well as an invitation to promote social justice to make positive changes for the benefit of GLB individuals. Individuals who identify as GLB face many unique experiences, challenges, and opportunities during their developmental life span including issues related to coming out, psychological well-being and mental health development, heterosexism and homophobia, stereotypes and myths, and sexual identity. These issues and more are discussed in the course. Graded on A-F basis only. Recommended: ESC_PS 8450.

Educ School & Counsel Psych	3880	ESC_PS 85	G	Social and Cultural Identity Development	Graduate-level course designed to introduce students to: (a) the dominant social and cultural identity theories and paradigms; (b) how these theories have been operationalized and measured.
Educ School & Counsel Psych	3881	ESC_PS 85	G	Gender Issues in Counseling and Education	Topics include conceptions of gender roles, measurement of gender-related constructs, gender role socialization process, high incidence gender-related problems, and psychoeducational and counseling interventions. Prerequisites: instructor's consent.
Educ School & Counsel Psych	3882	ESC_PS 85	G	Multicultural Counseling Competencies: Theory and Research	This course will introduce students to the current status of multicultural counseling theories and research issues and help students to increase their knowledge of cultural differences in counseling and psychology. Graded on A-F basis only.
Educ School & Counsel Psych	3884	ESC_PS 85	G	Practicum in Multicultural Counseling Interventions	Supervised practice of applied multicultural counseling interventions in a wide variety of approved community and university settings. Graded on S/U basis only. Prerequisites: ESC_PS 8040 and either ESC_PS 8570 or ESC_PS 8590.
Educ School & Counsel Psych	3883	ESC_PS 85	G	Rehabilitation Counseling Internship	Field-based counseling internship in a community setting serving individuals with disabilities. 600 hour supervised experience designed to combine theoretical and applied program training aspects. Graded on S/U basis only. Prerequisites: ESC_PS 8040, ESC_PS 8520, and ESC_PS 8220.
Educ School & Counsel Psych	3886	ESC_PS 85	G	Field Placement in Counseling/Supervision	Students will conduct counseling and/or supervision in approved community agencies under the supervision of licensed practitioners. Graded on S/U basis only. Prerequisites: completion of 9 credit hours of ESC_PS 8040, and consent of the Counseling Area Faculty.
Educ School & Counsel Psych	3879	ESC_PS 90	G	Multicultural Issues in Counseling	This course covers the research and theories of counseling racial/ethnic minorities and gays, lesbians, and bisexuals in the U.S. Examination of personal values and education about the interrelationship between race, class, gender, and sexuality are accomplished via structured activities. Recommended: ESC_PS 8340.

Educ School & Counsel Psych	19249	ESC_PS 90	G	Building Cross-Cultural Competencies: Taiwan Up Close	The primary purpose of the course is to promote the development of cross-cultural knowledge, awareness, and skills for applied psychologists. The first part of the course occurs at MU in preparation for part two, a 10-day professional cultural immersion in Taiwan. Prerequisites: ESC_PS 9000 preferred; instructor's consent.
Educ School & Counsel Psych	19909	ESC_PS 90	G	Psychology of Crossing Cultural Borders	The primary purpose of the course is to promote the development of cross-cultural knowledge, awareness, and skills for applied psychologists. Students acquire knowledge of psychological processes associated with crossing cultural borders, and translate that knowledge into practical applications. Graded on A-F basis only.
Educ School & Counsel Psych	19064	ESC_PS 90	G	Cross-Cultural Issues in Counseling: International Focus	This course focuses on developing students' awareness, knowledge, and skills in cross-national counseling and research in equipping the next generation of counseling psychologists' competencies related to the globalization trend of counseling psychology. Graded on A-F basis only. Prerequisites: ESC_PS 9000.
Educ School & Counsel Psych	3872	ESC_PS 94	G	Motivation	Investigates human motivation applied to performance in schools, athletics, and personal life. Topics include goals, attributions, self-efficacy, interest, cultural differences, and rewards. Graded on A-F basis only. Prerequisites: ESC_PS 8320 or equivalent.
Electrical and Computer Engin	4195	ECE 7020	G	Energy Systems and Resources	(same as NU_ENG 7315; cross-leveled with ECE 4020, NU_ENG 4315). Analysis of present energy usage in Missouri, USA and the world, evaluation of emerging energy technologies and trends for the future. Economics and environmental impact of the developed technologies. Prerequisites: ENGINR 2300.
Electrical and Computer Engin	19261	ECE 7470	G	Sustainable Electrical Energy Resources	(cross-leveled with ECE 4470). Analysis of renewable electrical energy resources from both the utility and distributed resource perspective. Covers safety, metering and power quality issues associated with coupling distributed resources to the utility grid. Prerequisites: ECE 3470 or ENGINR 2100.

Electrical and Computer Engin	19261	ECE 7470	G	Sustainable Electrical Energy Resources	(cross-leveled with ECE 4470). Analysis of renewable electrical energy resources from both the utility and distributed resource perspective. Covers safety, metering and power quality issues associated with coupling distributed resources to the utility grid. Prerequisites: ECE 2100 or ENGINR 2100.
Electrical and Computer Engin	20329	ECE 8520	G	Direct Energy Conversion Technologies	Study of direct energy conversion technology and research trends in this area. Topics include energy storage techniques (mechanical, chemical, thermal, inductive, capacitive), thermoelectric generators, photovoltaic generators, thermionic generators, magnetohydrodynamic generators, piezoelectric generators, wind generators, fuel cells. Current research trends in this area will also be examined. Graded on A-F basis only. Prerequisites: ECE Majors or instructors consent.
English	4671	ENGLSH 7	G	Topics in English-Social Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May repeat to six hours.
English	4781	ENGLSH 7	G	Ethnic Literature	(cross-leveled with ENGLSH 4120). Explores in depth the literary traditions of one of America's minority ethnic cultures: Native American, African-American, Hispanic American, Asian American. No more than six hours may be taken in the Ethnic Literature series.
English	4874	ENGLSH 7	G	Oral Tradition	(same as CL_HUM 4770). Study of verbal art from living oral traditions (e.g., Native American and African American) and important literary works with roots in oral tradition (e.g., the Bible, the Iliad the Odyssey, and Beowulf). Prerequisites: instructor's consent.
English	4872	ENGLSH 7	G	Women's Folklore and Feminist Theory	(same as WGST 7780). Examines folklore and artistic expression of women in relation to feminist theory and in multicultural contexts. Includes verbal genres (narrative/ song) as well as material genres (quilting/arts).

English	4929	ENGLISH 8	G	Seminar in African Diaspora Theory and Literature Criticism	(same as BL_STU 8410). Modern and contemporary African Diaspora criticism and theory including the diverse approaches to literary and cultural studies. May be repeated to 12 hours with departmental consent.
English	4946	ENGLISH 8	G	Seminar in Folklore	(same as ANTHRO 8157 and REL_ST 8700). Focus on the roots of folklore scholarship and methodology and their evolution in modern approaches to the study of oral, traditional verbal genres and their performance in natural folk groups. May repeat to twelve hours with department's consent.
English	4947	ENGLISH 8	G	Seminar in Oral Tradition	Theoretical and interpretive perspectives on works of verbal art that have roots in oral tradition. Emphasis on the variety of approaches employed (performance theory oral theory, ethnopoetics, ethnography of speaking, comparative structural studies, etc.) May repeat to twelve hours with department's consent.
Environmental Science	16236	ENV_SC 7	G	Topics in Environmental Science	Organized study of selected topics in environmental science. Intended for graduate students.
Environmental Science	16237	ENV_SC 7	G	Problems in Environmental Science	Special individualized non-thesis research projects or readings in environmental science.
Environmental Science	16239	ENV_SC 7	G	Environmental Soil Physics	(same as SOIL 7305). Study of soil physical properties and processes important in solving environmental problems. Topics include soil solids, water content and energy, and transport of water, solutes, gas and heat. Prerequisites: SOIL 2100, PHYSCS 1210 or equivalent.
Environmental Science	16240	ENV_SC 7	G	Environmental Soil Physics Laboratory	(same as SOIL 7306). Introduction to the methodology and equipment for measurement of soil physical properties and properties and processes. Prerequisites or Corerquisites: SOIL 4305.
Environmental Science	17834	ENV_SC 7	G	Environmental Soil Microbiology	(same as SOIL 7312). Microbiology/ecology of life in the soil ecosystem. Emphasis is placed on the role of microbes in nutrient cycling, microbial pesticide/xenobiotic degradation and bioremediateion, soil quality and pathogen regulation in the environment. Nitrogen fixation, mycorrhizal processes are discussed.

Environmental Science	18678	ENV_SC 7	G	Hydrologic and Water Quality Modeling	(same as NAT_R 7320). Introduction to models for simulating hydrologic and water quality processes. Emphasis is placed on watersheds to provide experience with the use of simulation models for natural resource decision making. Prerequisites: ENV_SC 1100 or SOIL 2100 or equivalent.
Environmental Science	16241	ENV_SC 8	G	Topics in Environmental Science	Organized study of selected topics in environmental science. Intended for graduate students.
Environmental Science	16242	ENV_SC 8	G	Problems in Environmental Science	Special individualized non-thesis research projects or readings in environmental science.
Environmental Science	18798	ENV_SC 8	G	Masters Research in Environmental Science	Original investigations in environmental science for presentation in a thesis. Graded on S/U basis only.
Environmental Science	16243	ENV_SC 9	G	Topics in Environmental Science	Organized study of selected topics in environmental science. Intended for graduate students.
Environmental Science	16225	ENV_SC 9	G	Problems in Environmental Science	Special individualized non-thesis research projects or readings in environmental science.
Environmental Science	16244	ENV_SC 9	G	Seminar in Environmental Science	In-depth development of advanced aspects of environmental science through reviews of results of research in progress and current scientific publications.
Environmental Science	18799	ENV_SC 9	G	Doctoral Research in Environmental Science	Original investigations in environmental science for presentation in a dissertation. Graded on S/U basis only.
Environmental Science	16256	ENV_SC 9	G	Advanced Environmental Soil Physics	(same as SOIL 9407). Transport of mass and energy through soil with emphasis on development of the equations of flow. Evaluation of analytical and numerical solutions to differential equations describing transport phenomena. Prerequisites: SOIL 7305, MATH 4100 or MATH 7100, or equivalent.
Environmental Science	16281	ENV_SC 9	G	Advanced Environmental Soil Chemistry	(same as SOIL 9418). Linking molecular-scale solution-phase and surface reactions with macroscopic chemical processes. Fundamentals of aqueous surface and colloid chemistry will be discussed. Prerequisites: SOIL 7318 or GEOL 7300, and CHEM 3300.
Family & Community Medicine	2845	F_C_MD 6	G	Preventive/Community Medicine	Preventive/Community Medicine

Family & Community Medicine	2838	F_C_MD 6	G	Geriatrics-Family and Community Medicine Elective	<p>Goals/Objectives: This is an outpatient experience in a variety of settings. Each week students will:</p> <ol style="list-style-type: none"> 1. Work with Dr. David Cravens and other health care providers at Lenoir Village, Lenoir Manor, Lenoir Health Care and Maplewood Apartments. These all represent different levels and types of care available to elders. <ol style="list-style-type: none"> a. Students will develop an understanding of the available care and residential options that elders utilize. 2. Work with several geriatricians in the SAGE Clinic and/or Geriatrics Clinic at Green Meadows. <ol style="list-style-type: none"> a. Students will improve their understanding of care of elders in the outpatient setting. b. Students will also see patients undergoing geriatric assessment and thus develop a better understanding of the multidisciplinary approach to geriatric assessment. 3. Additional experiences may be arranged depending on the student's interests. 4. Participate in the various conferences related to geriatrics. <p>Evaluations: Final evaluation will be determined by the attending physicians supervising the student during the block.</p> <p>Prerequisites: Must have completed all core clerkships.</p>
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Family & Community Medicine	20019	F_C_MD 6	G	Rural Health Policy and Legislative Advocacy	Elective content will focus on the intersection of rural medicine, health policy, and legislative advocacy. Course Goals: 1) To inform and educate students about rural health policy issues at the local, state, and national levels. 2) To train medical students to be informed advocates of rural health policy issues at the local, state, and national levels. To apply, medical students must complete the Rural Track Elective Application posted on the MU AHEC website http://medicine.missouri.edu/ahec/rural-track-elective.html . In the notes section of the application, the student must document a rationale for applying for this course. (Maximum length - 1 paragraph). Prerequisites: M4 status. Applicants must complete either the Rural Track Summer Community Program or the Rural Track Clerkship Program prior to enrollment. Students will share first-hand experiences from rural track placement(s) with legislators to advocate for the MU Rural Track Pipeline Program and to influence rural health policy in Missouri.
Family & Community Medicine	2785	F_C_MD 7	G	Problems Community Health Medicine Practice	Directed exploration of community health problems. Prerequisite: instructor's consent.
Family & Community Medicine	2793	F_C_MD 7	G	Special Readings in Community Health	Extensive reading and critical analysis of classical and current studies in selected areas of community health. Prerequisites: instructor's consent.
Family & Community Medicine	2823	F_C_MD 7	G	Research in Community Health	Independent investigation of some problem in community health to be presented as a thesis. Graded on a S/U basis only.
Family & Community Medicine	2825	F_C_MD 7	G	Field Experience in Community Health Education	Field practice in a selected community setting under faculty or other competent supervision .Prerequisites: Restricted to students specializing in community health education; consent of community health education faculty.

Family & Community Medicine	18810	F_C_MD 7	G	Physical Function and Older Adults	(same as ARCHST 7640, HMI 7750, H_D_FS 7750, NURSE 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.
Family & Community Medicine	18787	F_C_MD 7	G	Psychosocial Function and Older Adults	(same as ARCHS] 7650, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A/F basis only.
Family & Community Medicine	2795	F_C_MD 8	G	Problems in Community Health	Intensive study of an area of community health. Prerequisites: instructor's consent.
Family & Community Medicine	2815	F_C_MD 8	G	Research in Community Health	Original research in community health not leading to a thesis but requiring a formal research report.

Film Studies	20030	FILM_S 73	G	The Intersections of Documentary Film and Journalism	<p>(same as JOURN 7370). (cross-leveled with JOURN 4370 and FILM_S 4370). The popularity of documentary film in the past ten years has skyrocketed, and recent award-winning documentaries such as Inside Job (2010), Blackfish (2013), and The Invisible War (2012) are simultaneously entertaining audiences and investigating serious issues like the financial collapse, killer whale captivity, and sex crimes in the military--issues that in the past might have been covered exclusively by investigative journalism. What explains the public's growing fascination with documentary? How is documentary film reacting to recent transformations in the media landscape? Is it filling a critical need that journalism is no longer willing or able to meet? This course will explore the intersection of these two nonfiction storytelling forms--documentary film and journalism--and examine the role played by advocacy in both modes, as well as the cultural and ethical implications of the convergence between journalism and documentary film. In that it is centered on contemporary documentary film culture, the course also takes advantage of the True/ False Film Festival, and will be host to a conference during Week 6, featuring a number of major visiting filmmakers and film critics. Attendance at some sessions is required. Graded on A-F basis only.</p>
Film Studies	18324	FILM_S 79	G	Distorted Picture: Post-War Cinema in a Police State	<p>(Same as RUSS 7975) Considers strategies and stylistic devices employed by East European & Soviet directors to produce artistically worthy films under censorship. Discusses how artists adapted methods, boldness of expression, thematic content, and technical sophistication. Attention paid to production techniques.</p>

Finance	20483	FINANC 8	G	Multicultural and Global Finance Study Abroad	International topical issues in finance including cultural difference, corporate governance, differential approaches to regulation across countries, and cross-risk. Includes a study abroad component with on-site visits to businesses and other organizations. May be repeated as venues change. Prerequisites: Consent required.
Fisheries and Wildlife	5531	F_W 7200	G	Urban Wildlife Conservation	Reviewing the theory and practice of applying ecological concepts to the management of wildlife species in urban areas. Corequisites: BIO SC 3650 or instructor's consent.
Fisheries and Wildlife	5272	F_W 7400	G	Techniques for Fisheries Management and Conservation	Introduction to techniques (field and analytical/quantitative) used by fisheries and conservation biologists. Fosters understanding of techniques uses, advantages, limitations biases, and data interpretation. Extended weekly field outings require chest waders and life jackets. Prerequisites: BIO_SC 3650 and STAT 2530 or NAT_R 3110 and F_W 2700 or F_W 4300.
Fisheries and Wildlife	5284	F_W 7500	G	Animal Population Dynamics and Management	Quantitative modeling approach to examining principles and analysis techniques of fish and wildlife population dynamics. Emphasis on approaches useful in the management of exploited species. Graded on A-F basis only. Prerequisites: MATH 1400, BIO_SC 3650, Statistics.
Fisheries and Wildlife	5518	F_W 7700	G	Wildlife Research and Management Techniques	Research and Management methods for wildlife populations and habitats. Prerequisites: BIO_SC 3650 and STAT 2530 or NAT_R 3110. One-week pre-semester field session required.
Fisheries and Wildlife	5269	F_W 7800	G	Environmental Toxicology	Introduction to classes of chemicals, tools, methods, and approaches used in environmental toxicology. Emphasizes fundamentals of toxicology, dose-response relationships, evaluation of contaminant issues, strategies, and exposure analysis/toxicity assessment strategies in a risk assessment. Prerequisites: CHEM 1320 and F_W 3400 or instructor's consent.

Fisheries and Wildlife	19291	F_W 7810	G	Wildlife Disease Ecology	An introduction to the ecology of wildlife diseases. Topics include the definition of a disease, how to measure diseases, impacts on individuals and populations, and the role of disease in wildlife management and conservation. Prerequisites: instructor's consent.
Fisheries and Wildlife	5570	F_W 8440	G	Fish Ecology	Advanced study of the interactions between fish and their environment. Topics include behavioral, physiological, population and community ecology of fishes, with emphasis on development and application of ecological theory in fishery management. Prerequisites: F_W 2700, F_W 4100, BIO_SC 3650 or equivalent.
Fisheries and Wildlife	5576	F_W 8520	G	Stream Ecology	Ecological principles applied to flowing waters. Emphasis on ecological processes within algal, invertebrate and fish communities. The influence of geomorphic processes, hydrologic principles and physical-chemical factors on the biota.
Fisheries and Wildlife	5279	F_W 8530	G	Quantitative Fish and Wildlife Assessment	Methods to assess space use patterns, animal abundance and population status are drawn into quantitative framework for making inferences to wild populations. Practical application and limitations of techniques are emphasized through analysis and interpretation of field data. Prerequisites: NAT_R 3110 or equivalent.
Food Science	5403	F_S 7370	G	Food Microbiology	(cross-leveled with F_S 4370). Study of bacteria, yeast and molds. Includes dominant flora, public health significance, characterization of organisms, examination of foods representative of major food groups, spoilage, preservation, food fermentations and physiological groups. Prerequisites: F_S 2172 and one Biochemistry course or concurrent enrollment.
Food Science	5405	F_S 7375	G	Food Microbiology Laboratory	(cross-leveled with F_S 4375). Examination of foods for microorganisms and characterization of major species. Prerequisites: F_S 4370 or concurrent enrollment.

Food Science	5418	F_S 8405	G	Advanced Microbiology of Foods	Principles of microbial physiology, taxonomy, analytical methods applied to study of microorganisms added to foods and those causing food spoilage or food-borne illness. Roles of microorganisms in manufacture/distribution of foods. Prerequisites: F_S 4370 or equivalent.
Forestry	5492	FOREST 73	G	Practice of Silviculture	Applied ecological principles, cultural practices, tree improvement techniques and treatments to forest stands and other lands for systematic production of goods and services. Prerequisites: FOREST 4320.
Forestry	5595	FOREST 73	G	Wildland Fire Management	Management, administration, and organization of wildland and prescribed fires and other natural and man-made disasters. Emphasis placed on organizational arrangements of incidents rather than on either strategy or tactics. Prerequisites: FOREST 3207 or equivalent.
Forestry	5598	FOREST 73	G	Forest Stand Dynamics	Examines the development of forest structure, the role of disturbance on forest change and the use of this knowledge in applying silvicultural systems. Both forest stand dynamics theories, structure diagrams, forest growth models, and long term data sets are used to understand stand dynamics. Prerequisites: FOREST 4330 or instructor's consent.
Forestry	5605	FOREST 84	G	Advanced Forest Ecology	Lecture/discussion based course emphasizing contemporary and classic ecological studies and concepts in the context of current forest ecology issues and research. Prerequisites: undergraduate ecology course
Forestry	5601	FOREST 84	G	Advanced Forest Management	Modern quantitative methods to facilitate decision-making in harvest scheduling and regulation, land use allocation, and production planning in natural resource management. Prerequisites: FOREST 4380.
Geography	6063	GEOG 762	G	Biogeography: Global Patterns of Life	Analysis of the patterns and processes of plant distribution in the contemporary landscape, stressing environmental influences and vegetation dynamics, particularly as they relate to North American vegetation. Prerequisites: GEOG 2610 or instructor's consent.

Geography	18510	GEOG 779	G	Geographic Information Systems for the Social Sciences	Designed for social science students interested in learning about the tools available in GIS for linking to an analyzing spatial qualitative data. Uses multiple data sources (qualitative and quantitative), applied within a social context, using spatial investigation procedures to detect geographical trends in data sets. Primary focus is on how GIS can enhance social science research.
Geography	6065	GEOG 781	G	Landscape Ecology and GIS Analysis I	(same as NAT_R 7385). Examination of the landscape-scale approach to biodiversity, ecosystem dynamics, and habitat management. Particular emphasis on the use of Geographic Information Systems to analyze the spatial dimension of ecological patterns and processes. Prerequisites: instructor's consent.
Geography	18322	GEOG 785	G	Transportation Geography	(same as CV_ENG 7155). Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.
Geological Sciences	6214	GEOL 740	G	Geomicrobiology and Microbial Biogeochemistry	Roles of microbes in a variety of geological settings through time. Microbial roles in degradation of organic pollutants and transformation of toxic metals and radionuclides in contaminated environments. Prerequisites: GEOL 3300 or instructor's consent.
Geological Sciences	6215	GEOL 823	G	Groundwater and Subsurface Geomicrobiology	Distribution of microorganisms in subsurface environments and the effects of microbial activity on groundwater chemistry. In situ bioremediation of contaminated aquifers by subsurface microorganisms. Prerequisites: GEOL 4400.
Geological Sciences	6279	GEOL 827	G	Bioremediation Strategies	Discussion of contaminant degradation pathways and current technology available. The interdisciplinary aspects of the field will be emphasized. Prerequisites: instructor's consent.

German & Russian Studies	18325	RUSS 797	G	Distorted Picture: Post-War Cinema in a Police State	(same as FILM_S 7975) Considers strategies and stylistic devices employed by East European and Soviet directors to produce artistically worthy films under censorship. Discusses how artists adapted methods, boldness of expression, thematic content, and technical sophistication. Attention paid to production techniques.
Graduate School	21069	GRAD 907	G	Science Policy and Public Engagement	It is important the STEM professionals to understand the intersections between science, politics, and society to understand how the decisions that affect them are made. Junior scholars who understand the goals and implications of publicly funded science will likely have an advantage when seeking jobs and funding. This program also will explore numerous careers in the science policy realm.
Graduate School	21166	GRAD 908	G	Essentials for Public Engagement	This course will focus on understanding the role of scholarship and research in society and how to integrate public needs with research, ways to the public engages with scholarly research and how researchers can effectively engage individuals and groups. Topics covered include: different types of public engagement, public policy, ethics, broader impacts of research, extension education, public communication, theoretical rationale for engagement, historical trends in public engagement.
Graduate School	21167	GRAD 908	G	Science Policy and Public Engagement	It is important the STEM professionals to understand the intersections between science, politics, and society to understand how the decisions that affect them are made. Junior scholars who understand the goals and implications of publicly funded science will likely have an advantage when seeking jobs and funding. This program also will explore numerous careers in the science policy realm.
H S Truman School of Pub Affrs	20468	PUB_AF 7	G	Social Entrepreneurship	(cross-leveled with PUB_AF 4700). This course will help illustrate social entrepreneurship in a broad sense and understand how it differs from entrepreneurship as understood in the private sector, social innovation and social enterprise. Graded on A-F basis only.

H S Truman School of Pub Affrs	12448	PUB_AF 8	G	Collaborative Governance	Political, economic, and social context of government and public service; examines theories and models of collaborative governance and implications for policy-making, public management, and public service delivery. Graded on A-F basis only.
H S Truman School of Pub Affrs	12430	PUB_AF 8	G	Public Policy Processes and Strategies	Processes through which public demands are generated, converted into public policy, and implemented. Examines the intersection of politics, policy, and management as well as the diverse strategies and tools of public action. Graded on A-F basis.
H S Truman School of Pub Affrs	18127	PUB_AF 8	G	Environmental Policy	This course is an introduction to U.S. environmental policy, focusing on important political institutions and political actors. The course provides a survey of the primary laws, regulations, and policies that comprise pollution control and natural resource management policy.
H S Truman School of Pub Affrs	18130	PUB_AF 8	G	Social Policy	This seminar will examine the nature and extent of poverty in the U.S., its causes and consequences, and the antipoverty effects of existing and proposed government programs and policies.

H S Truman School of Pub Affrs	19574	PUB_AF 8	G	Early Childhood Policy	This course provides an understanding of early childhood development issues and their impact on policy formation. Will study different family situations in the US and other countries (e.g. maternal employment and job policies, divorce, child abuse and neglect) that may be a concern for child policy makers and analysis. In addition we are going to examine the effects of different early childhood programs in the US and other countries around the world. Also, US federal regulations that have an impact on child policy, such as the National Health Policy and Welfare reform will be examined. Will use both qualitative and quantitative criteria to analyze these policies. This course is applied in focus, so by the end of the semester students should be able to understand policy analysis and the trade-offs of implementing policy choices, as well as being able to develop analytical skills for early childhood and family policies in their work. Graded on A-F basis only.
H S Truman School of Pub Affrs	19969	PUB_AF 8	G	Energy Economics	The course examines economic theory and empirical analyses of global energy supply and demand. It examines the role of non-renewable and renewable energy in the economy and trends in energy production and consumption. Graded on A-F basis only. Recommended: Principles of Economics, Instructor's permission.
H S Truman School of Pub Affrs	12427	PUB_AF 8	G	Ethics, Democracy and the Public Service	Uses the concepts of ethics and democracy to explore the role of public service in American society in the context of globalization. Integrates learning from the MPA core curriculum and the specializations into a comprehensive view of the contemporary, multi-sectored public service. Graded on A-F basis only.
H S Truman School of Pub Affrs	12446	PUB_AF 8	G	Public Affairs Internship	Gives students an opportunity to gain experience in government operations by providing supervised work with an agency at the local, state, or federal level of government or in nonprofit agencies. Graded on A-F basis.

H S Truman School of Pub Affrs	12451	PUB_AF 8	G	Spatial Analysis for Public Affairs	Examines theoretical and empirical issues related to the spatial analysis of economic activity and local public issues. Major topics include the role of the public sector, the economics of public services, social accounting matrices, input-output analysis, econometric models of regional economies, and geographic information systems. Graded on A-F basis only.
H S Truman School of Pub Affrs	17769	PUB_AF 8	G	Regional and Economic Development Policy	Presents an overview of historical perspectives and current practice in regional development policy. Explores various rationales for regional collaboration. Topics include global and political context of development policy, theories of regional growth and development, regional governance, distribution of benefits and sustainable development. Graded on A-F basis only
H S Truman School of Pub Affrs	17770	PUB_AF 8	G	Regional Development Issues and Analysis	(same as AG_EC 8350). Examines theories of regional growth and development and methods for analysis with applications to current policy issues. Topics include firm location, new economic geography and agglomeration theory, clusters, human capital, migration, social capital, tax and development incentives, and sustainable regional development. Graded on A-F basis only. Prerequisites: ECONOM 7351 or PUB_AF 8190 or equivalent.
H S Truman School of Pub Affrs	12431	PUB_AF 8	G	Public Policy Analysis	Uses economic logic and statistical techniques to design, analyze and evaluate public policy. Applies social choice theory, cost/benefit analysis, forecasting, regression analysis, trend analysis, time series methods, and other analytic techniques to policy decision. Graded on A-F basis. Prerequisites: PUB_AF 8181 and PUB_AF 8190 or equivalent, or permission of instructor.
H S Truman School of Pub Affrs	12432	PUB_AF 8	G	Public Budgeting and Taxation	Intensive study of the institutions, processes, politics, and social and economic impact of public taxation and expenditures.

H S Truman School of Pub Affrs	12456	PUB_AF 8	G	Organizational Change in a Community and Global Context	Examines changing organizations in their task environments, which include communities and the global economy. The phenomenon of ambiguous boundaries between public and private as well as nonprofit sectors will be investigated as these profound changes impact organizational behavior. Graded on A-F basis only.
H S Truman School of Pub Affrs	12429	PUB_AF 8	G	The Nonprofit and Voluntary Sector	Provides an overview of the history, function, size, scope, development, and management of the nonprofit sector. Historical, political, economic, and social perspectives are used to examine the meaning of voluntarism, charity, philanthropy, and the nonprofit sector. Graded on A-F basis.
H S Truman School of Pub Affrs	18092	PUB_AF 9	G	Governance and Public Affairs	Examines theories of governance, the role of the state and other social institutions. Other topics include administrative reform, the new public management, and the emergence of the multi-sector public service. International comparative dimensions emphasized. Graded on A-F basis only. Prerequisites: PUB_AF 8150, PhD standing or permission of professor.
H S Truman School of Pub Affrs	18133	PUB_AF 9	G	Political Economy of Public Affairs	Course focuses on formal theories of public decision-making, collective choice and strategic interaction of public actors in the policy process using tools such as welfare economics, social choice, game theory, logic of collective action, public choice, and principal agent models. Graded on A-F basis only. Prerequisites: PhD standing or instructor's consent.
Health Mgmt & Informatics	18812	HMI 7750	G	Physical Function and Older Adults	(same as F_C_MD 7750, ARCHST 7640, H_D_FS 7750, NURSE 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.

Health Mgmt & Informatics	18789	HMI 7751	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A- basis only.
Health Mgmt & Informatics	20419	HMI 8515	G	Problems in Medical Ethics and Clinical Ethics Consultation Practicum	The Problems in Medical Ethics Course is a practicum based course with a hands-on clinical ethics consultation component. The course will provide the student with a tailored learning experience that will encourage and develop skills and a working knowledge about health care ethics, and the ability to respond effectively when confronted with the difficult ethical dilemmas that may be encountered at multiple levels in the complex arena of health care. Specifically students will cultivate skills which will optimize their ability to work as an ethics consultant in a multidimensional and diverse society as well as an inclusive health care environment. The course is designed with flexibility in mind, however there are mandatory onsite components which will require the student to attend structured meetings, consultations and presentations. Prerequisites: M-4 status for medical students. For Graduate students, HMI 7564 - Health Ethics Theory and HMI 8565 - Health Care Ethics and permission of instructor.
Health Mgmt & Informatics	6507	HMI 8544	G	Managerial Epidemiology (Population Health Management)	Examination of basic epidemiological concepts and methods as applied to health services management. Equal emphasis on applications of epidemiology to health services planning, quality monitoring, policy development, system development, and finance. Prerequisites: Restricted to HMI students only.
History	6825	HIST 7000	G	Age of Jefferson	Political, constitutional, cultural, and economic developments in United States during formative period of Republic, 1787-1828. Special attention to Constitutional Convention, formation of national political institutions.

History	18620	HIST 7010	G	The Age of Jackson	This course will examine American politics, society and culture in the 1820's, 1830's, and 1840's. Considerable attention will be devoted to Andrew Jackson himself, as a figure who both shaped and represented his era, for better or worse.
History	6860	HIST 7040	G	Houses Divided: Society and Politics in the Civil	All major aspects of the period considered; rivalry between nationalizing and sectionalizing forces emphasized.
History	6860	HIST 7040	G	Slavery and the Crisis of the Union: The American Civil War Era	(cross-leveled with HIST 4040). This class explores the history of the Civil War era, a transformative moment in both U.S. and world history. Our goal is to explore and answer a number of questions of great historical significance: How and why did slavery persist in an age of liberal democracy? Why did the pre-war Union prove unable to tolerate the plural visions and diverse institutions of its people? Was the descent into war more a measure of institutional weakness than of the intensity of moral conflict? What were the constituent elements of the competing wartime 'nationalisms' that evolved in both north and south? How and why did a war that began to restore the Union become one for emancipation? How was it the forerunner of modern, 'total' warfare? Did the governmental, socio-economic and racial changes wrought by war constitute a 'second American revolution'? Were the limits or the achievements of post-war Reconstruction more notable? And, last but certainly not least, how did the triumph of the Union condition the political and economic development of a rapidly globalizing world? Graded on A-F basis only.
History	6847	HIST 7210	G	Origins of Modern America, 1877-1919	Political, social, economic, and intellectual evolution of America into a modern society, 1877-1918.
History	6849	HIST 7220	G	U.S. Society Between the Wars 1918-1945	Detailed examination of American history from end of World War I to end of World War II.
History	6893	HIST 7270	G	African-Americans in the Twentieth Century	(same as BL_STU 7270). Surveys the African-American experience from 1900 to the present. Attention is given to economic, political, social, and cultural trends.

History	18326	HIST 7310	G	Adoption Child Welfare and the Family, 1850-present	(same as WGST 7310; cross-leveled with HIST 4310, WGST 4310). This interdisciplinary U.S. history course will address topics such as: changing legal and social meanings of adoption since 1850; historical connections between adoption and poverty, family, gender, race, sexuality, class, fertility, identity; and more recent issues such as transnational adoption.
History	6833	HIST 7410	G	Introduction to U.S. Social History	Study of daily life and the ways ordinary Americans experienced historical change. Considers such topics as work, leisure, family and community. Compares how people's experiences varied by region, class, gender, ethnicity, and race.
History	18800	HIST 7555	G	Medieval France	(cross-leveled with HIST 4555). This course covers the area that became the kingdom of France from the end of the Roman era until the end of the Hundred Years War; emphasize on political and cultural developments. Prerequisites: instructor's consent.
History	6793	HIST 7600	G	English Legal and Constitutional History	Development of English institutions; chief emphasis on their relation to general social, economic backgrounds.
History	6796	HIST 7610	G	Early Modern Britain, 1450-1688	Study of English politics, society, economy, culture, and religion during primarily the Tudor and Stuart eras, from the establishment of the Tudor dynasty (1485) through the Glorious Revolution. Emphasis on social and religious history.
History	6788	HIST 7620	G	Modern England	Surveys British history in the 18th and 19th centuries. Emphasizes social and economic change.
History	20118	HIST 7625	G	Nature vs. Nurture: The History of a Debate	(cross-leveled with HIST 4625). The purpose of this course is to explore the debate on nature vs. nurture in human society from the late eighteenth century to the present. The goal of the course is to give biology, history, and social science (including journalism) majors a better understanding of how this debate between nature and culture has played out over the past 250 years, and what impact it has left on biology, the social sciences, and public discourse today. Graded on A-F basis only.

History	6799	HIST 7630	G	The Age of the Renaissance	Major changes in European economic, social, political, religious, and intellectual life between 1250-1500. Humanism and Renaissance. The Renaissance problem."
History	6801	HIST 7640	G	The Age of the Reformation	State of Europe about 1500. Political, diplomatic, social, and intellectual changes to 1648. Humanistic reform movements. Protestant-Catholic Reformation. Development of the modern state and international relations.
History	6805	HIST 7650	G	Revolutionary France, 1789-1851	Revolutionary upheavals of the revolutionary-Napoleonic era, which destroyed traditional French society and laid the basis for modern France.
History	6807	HIST 7660	G	European Women in the 20th Century	(same as WGST 7660). Examines the history of European women from World War I to the present. The course focuses on wars, migration, and the changing nature of family, work and community.
History	6811	HIST 7680	G	From the Rise of the Nazis to the Fall of the Wall: German History in the Twentieth Century	(cross-leveled with HIST 4680). Cultural, social and political history from 1914 to present day. Focus on world wars, national socialism, the holocaust, the cold war and the emergence of East and West Germany.
History	6813	HIST 7690	G	Modern France 1815 to Present	Principal social, economic, and political developments in modern French history from the restoration to the present day.
History	6821	HIST 7710	G	The Russian Revolution	Analyzes the transformation of Russian society that produced the collapse of autocracy, efforts to create a parliamentary government, the Bolshevik seizure of power in 1917, and the civil war that followed.
History	6663	HIST 7800	G	Modern Japan and China--A Comparative Survey	A structured, comparative examination of the histories and cultures of Japan and China, from the mid-19th century to the present. Orientation towards broad social, intellectual and political developments.

History	19915	HIST 7815	G	African History Through the Digital Medium	(cross-leveled with HIST 4815). This course invites students to explore the history of Africa through the digital medium. It offers a hands-on approach to understand how knowledge about African history, culture, and society is produced and disseminated over the World Wide Web. Prerequisites: Consent of department
History	18142	HIST 7860	G	Colonial Masculinity/Colonial Frontier	This writing intensive discussion-based course examines how the Indian Army acted as a colonial army in the British Empire, including Africa, the Boxer Rebellion, and the World Wars. Focus is on the role of the Indian Army, impact of the Sepoy Mutiny, and martial race ideology.
History	20051	HIST 7865	G	Buying Desire: History of Consumption	(cross-leveled with HIST 4865). This course explores the history of consumption practice in various cultural contexts. The course is divided into four parts: "Masses As Consumers", "Selling/Consuming Cultures", "Consumption as (Postcolonial) Modernity", and "Consumption and the Nation". Under each section are thematically related texts on particular cultural contexts. The reading of ethnographic texts on consumption is to be accompanied by critical discussions that locate consumption within the practices of the nation-state-making and global product-marketing. Graded on A-F basis only."
History	18655	HIST 7870	G	Southeast Asia Since the Eighteenth Century	The general objective of this course is to introduce students to the fascinating world of Southeast Asia. We will look at the shared history of commodity, cultural, and religious exchanges that gave this region a collective character, as well as explore the historical conditions from which individual modern Southeast Asian state emerged.

History	20121	HIST 7990	G	Economic Analysis of Policy & Regulation	(cross-leveled with AG_EC 4990). Apply economic concepts and tools to analyze the policy-making process and the implications of policy for individuals, firms, markets and society. Policy topics include, among other things, agricultural support programs, environmental policy, international trade, international development, and agribusiness regulation. Recommended: Graduate students should have previous coursework in basic econometrics and at least intermediate-level micro economic theory.
History	6933	HIST 8010	G	Studies in American Religious History, 1750-1850	This class will examine important ideas and trends in the field, with an emphasis on popular religious movements. This is a reading-based seminar, revolving around discussion of influential recent books. May be repeated to a maximum of 6 hours.
History	18922	HIST 8015	G	Seminar in American Religious History	The purpose of this course is for students to write an original work of scholarship, such as might be publishable in an academic journal or serve as a dissertation or book chapter. The field is open to topics in American religious history, including the social, cultural, political and intellectual history of American religion. Graded on A-F basis only.
History	6959	HIST 8201	G	Seminar in the Origins of Modern America	Selected topics and studies in American political and social history since the Civil War. May be repeated to a maximum of 6 hours.
History	19205	HIST 8220	G	Studies in American Religious History, 1850-2000	The purpose of this course is to discuss important ideas and trends in the history of American religion from about 1850-2000. This period is currently one of the richest fields in American historical scholarship, and this is particularly the case for American religious history. Graded on A-F basis only. Prerequisites: consent required.
History	6914	HIST 8405	G	Studies in Gender	Studies in recent research material focused on the analysis of the intersections of gender, race and class in particular times and places. May be repeated to a maximum of 6 hours.

History	21168	HIST 8406	G	The Politics of the Body in Historical Perspective	This graduate seminar will launch an investigative inquiry into how the body has been conceptualized in the historical past and how it continues to serve as a site of contention. This course will offer an opportunity to introduce students to the major intellectual debates that guide the study of the body and body-related processes in current scholarship. Graded on A-F basis only.
History	6941	HIST 8430	G	Studies in American Social History	Reading, analysis, and critical reviews of pivotal works. Stress on varieties and impact of social history on topics such as family, race, gender, ethnicity, work. May be repeated to a maximum of 6 hours.
History	6942	HIST 8431	G	Seminar in American Social History	Directed original research and writing in American social history. May be repeated to maximum of 6 hours.
History	6973	HIST 8432	G	Studies in Rural Social History of the United States	This course surveys the historiography of rural social history of the United States using a comparative regional perspective and presenting a chronological overview of the nineteenth and twentieth centuries.
History	6945	HIST 8435	G	Seminar in American Cultural and Intellectual History	Directed research and writing in American cultural and intellectual history. May be repeated to maximum of 6 hours.
History	6946	HIST 8436	G	Studies in American Cultural and Intellectual History	Reading and discussion designed to promote critical understanding of theoretical and historiographical problems in American cultural and intellectual history. May be repeated to maximum of 6 hours.
History	6917	HIST 8531	G	Studies in English History	Readings in historical literature covering period since 1660; particular reference to new interpretations of political, social developments. May be repeated to a maximum of 6 hours.
History	6918	HIST 8540	G	Seminar in Medieval Culture	Investigates cultural developments in the medieval period. May be repeated to a maximum of 6 hours.

History	18802	HIST 8830	G	Studies in Muslim History	This course is designed to introduce graduate students to major themes in Muslim history, to supplement their current studies, and to provide a background necessary to teach surveys in world history, the modern world, or interdisciplinary studies. Graded on A-F basis only. Prerequisites: departmental consent.
Human Devl & Family Science	20020	H_D_FS 7	G	Latino Families and Youth	This course will cover the critical integration of theoretical, methodological, and empirical issues in Latino psychology using a cross-cultural, cross-ethnic perspective, including the increased sensitivity to issues and challenges facing Latino families and youth from a social science perspective. There will be a particular focus on selected topics in social and developmental psychology, as well as, understanding the relevance to other areas of study, to policy contexts, and to applied settings. Students will provide a written, integrative literature review and research proposal related to the course topic. The course will consist primarily of seminar discussions based on the textbook and additional readings. Students will lead class discussions based on the readings and their QRCs. Graded on A-F basis only. Prerequisite: Instructor's consent.
Human Devl & Family Science	17943	H_D_FS 7	G	Adult Development	This course presents a life-span, multidisciplinary developmental framework that considers sociohistorical influences, individual differences, and concern for promoting optimal functioning. Priority given to students in the Great Plains Idea Group master's and certificate programs.
Human Devl & Family Science	17945	H_D_FS 7	G	Ageing Policy	Policy development in the context of the economic status of the elderly populations. Retirement planning and the retirement decision; Social Security and public transfer programs for the elderly; intrafamily transfers to/from the elderly; private pensions; financing medical care for the elderly; prospects and issues for the for the future. Priority given to students in the Great Plains Idea Group master's and certificate programs.

Human Devl & Family Science	17948	H_D_FS 7	G	Mental Health and Aging	Student is introduced to the range of issues utilizing several theoretical perspectives and the systems framework. Major mental, emotional, and psychiatric problems encountered in old age are examined, along with normal processes of aging individual's personality, mental and brain functions. Priority given to students in the Great Plains Idea Group master's and certificate programs.
Human Devl & Family Science	2100	H_D_FS 7	G	Black Families	(same as BL_STU 7300). Emphasis is on the unique social, economic, religious, educational, and political environments that have affected the structure and function of the black families. Prerequisites: H_D_FS 2200 or equivalent.
Human Devl & Family Science	18976	H_D_FS 7	G	Developing Plans of Care for Community-Dwelling Older Adults	This applied course focuses on conducting geriatric assessments across multiple domains in order to develop holistic plans of care for older adults. Designed for students with some familiarity with the large age-graded income and health programs (e.g., Social Security, Medicare), the course examines the broad range of community resource programs designed to support more specific medical, psychosocial, and functional needs. Although service delivery varies by community, students will be trained to seek out those that are locally provided, up to and including resources providing a transitional bridge to respite and long-term care services. Graded on A-F basis only. Prerequisites: Bachelor or Master's degree in Human Services, Social Work, Mental Health, Nursing, Physical Rehabilitation, or Psychology. Must be enrolled in Graduate Certificate in Geriatric Care Management Program.

Human Devl & Family Science	18959	H_D_FS 7	G	Ethical, Legal, and Business Considerations in Geriatric Care Management	This applied eight-week course addresses multiple issues that geriatric care managers must consider in their work with the vulnerable older population. Topics include the ethics of care management, developing cultural and spiritual competencies, legal requirements in both the fee-for-service and nonprofit settings, as well as business aspects for those considering independent practice in this growing field, including national certification. May be repeated for credit. Graded on A-F basis only. Prerequisites: H_D_FS 7500, H_D_FS 8012 and H_D_FS 7510; Bachelor or Master's degree in human services, social work, mental health, nursing, physical rehabilitation or psychology required; must be enrolled in Graduate Certificate in Geriatric Care Management program.
Human Devl & Family Science	18982	H_D_FS 7	G	Personal Financial Issues of Older Adults	(same as FINPLN 7583). Principles and practice of personal finance relevant to assessing and improving the financial security of older individuals. Topics covered include sources of income, management of cash flow, credit use and abuse, risk exposure, investment management, housing, and financial planning. Financial vulnerabilities of seniors will be explored. Graded on A-F basis only. Prerequisites: Bachelor or Master's degree in human services, social work, mental health, nursing physical rehabilitation or psychology; must be enrolled in Graduate Certificate in Geriatric Care Management program. May be repeated for credit.
Human Devl & Family Science	19279	H_D_FS 7	G	Resilience in Families	Exploration of the evolution of a resilience approach to the study of families and human development. Using a lifespan approach, students will explore resilience across time as well as within special populations such as families experiencing crisis and trauma, culturally diverse families, and military families. Graded on A-F basis only.

Human Devl & Family Science	2102	H_D_FS 7	G	Stress and Resilience in Families	Introduction to the study of stressor events in families, such as poverty, violence within families, substance abuse, and health problems. Emphasis is on both prevention and coping.
Human Devl & Family Science	7363	H_D_FS 7	G	Interpersonal Relationships	In-depth examination of interpersonal relationships, including theoretical perspectives, research methods, relationship forms, relationship processes, and how context affects relationships. Students will also be introduced to the field of close relationships.
Human Devl & Family Science	19278	H_D_FS 7	G	Family Crisis Intervention	Individuals and families in crises are examined. Focus is on grief and loss, substance abuse, family violence, and suicidal ideation. Examination of evidence-based preventions and treatments and community resources for those affected by stress, trauma, and crises. Graded on A-F basis only.
Human Devl & Family Science	2129	H_D_FS 7	G	History of the Family in Russia	Survey of family relations in Russia from the Kievan period. Materials drawn from child development and family studies, education, history, sociology, and literature. Prerequisites: 3 hours in Social/Behavioral Sciences.
Human Devl & Family Science	7365	H_D_FS 7	G	The Politics of Reproduction and Fertility Control	(same as WGST 4670). Examines the social construction of reproduction, including discourses and practices surrounding the body, pregnancy, birth, reproductive technology, and diseases. Stresses the ethical issues and social policies affecting women.
Human Devl & Family Science	2107	H_D_FS 7	G	Child and Family Advocacy	Study of the processes of social policies, legislation, and regulations affecting children and families at the local, state and federal levels. The course emphasizes current issues and need for citizen involvement. There will be sections restricted to Human Developmental and Family Studies majors and to Education majors. The Human Developmental and Family Studies section will be for 3 credits and Education will be for 2 credits.

Human Devl & Family Science	18813	H_D_FS 7	G	Physical Function and Older Adults	(same as F_C_MD 7750, ARCHST 7640, HMI 7750, NURSE 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.
Human Devl & Family Science	18790	H_D_FS 7	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, HMI 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.
Human Devl & Family Science	17940	H_D_FS 8	G	Youth Cultures and the Cultures of Youth	This course examines the cultural contexts that affect youth from within and outside the family. Students will study social, ethnic, and educational processes that affect youth, and they will examine how history has shaped the current cultural climate of the U.S. Priority given to students in the Great Plains Idea Group master's and certificate programs.
Human Devl & Family Science	17941	H_D_FS 8	G	Community Youth Development	This course focuses on community youth development from a strength-based or developmental asset approach. This approach encompasses both individual development and interrelationships with social environments. Priority given to students in the Great Plains Idea Group master's and certificate programs.
Human Devl & Family Science	7386	H_D_FS 8	G	Advanced Seminar on Multicultural Families	Advanced study of multicultural (racial, ethnic, social) families within American society. Attention is focused on each group's unique cultural heritage and social environment. Prerequisites: instructor's consent.
Human Devl & Family Science	2132	H_D_FS 8	G	Social and Emotional Development	(same as PSYCH 8440). Seminar on emotional and social development in children, with focus on research and theory on the impact of various family, school, and societal factors.

Human Devl & Family Science	7387	H_D_FS 8	G	Adolescence and Emerging Adulthood	Seminar on development during adolescence and emerging adulthood from biological, cognitive, psychsocial, and cultural perspectives, and with a focus on health-related attitudes and behaviors.
Human Devl & Family Science	7388	H_D_FS 8	G	Life Course Perspective	Seminar on the life course perspective, an interdisciplinary approach to the study of lives over time and the interplay between human lives and social institutions. Deals with how individual lives are shaped by social change and social structure.
Human Devl & Family Science	7395	H_D_FS 8	G	Identity Development	Uses an Eriksonian framework to explore research regarding developmental tasks related to identity, such as attachment, self-esteem, moral behavior, achievement, and the formation of an abstract sense of self. Also considers such issues as gender identity, ethnic identity, and sexual identity.
Human Devl & Family Science	20021	H_D_FS 8	G	Prosocial and Moral Development	The course objective is to increase the understanding of the study of morality from psychological and developmental perspectives and the critical integration of theoretical, methodological, and empirical issues in moral psychology. It will also cover understanding the relevance of moral concepts and findings to other areas of study, policy contexts, and applied settings. Students will provide a written, integrative literature review and research proposal related to the course topic. Graded on A-F basis only. Prerequisites: Instructor's consent.
Human Devl & Family Science	19273	H_D_FS 8	G	Lifespan Development	This course covers the human development including the cognitive, social-emotional, motor, language, and moral domains from both a lifespan and a bio-ecological perspective. Course content focuses on the major theories of development as well as current research on the micro-macro interrelationship. Students who complete this course will have a better understanding of individual human developmental processes and their relationship with context and within family and community matters. Graded on A-F basis only.

Human Devl & Family Science	7385	H_D_FS 8	G	Work and Family	Study of the interaction between paid labor, unpaid labor, and the American family. Heavy concentration is placed on the roles gender, race, and history play in the workplace and in the home. Prerequisites: instructor's consent.
Human Devl & Family Science	18049	H_D_FS 8	G	Gendered Relations in Families	(same as WGST 8630). From a feminist perspective, the roles of gender in shaping family life experience and of family life experience in shaping gender will be explored. Graded on A-F basis only. Prerequisites: instructor's consent.
Human Devl & Family Science	2122	H_D_FS 8	G	Family Interaction	Examination of intrafamilial interaction. Includes an overview of theories used to study family interaction, critical review of the assessment of family interaction; and examination of contemporary research on family interaction focusing on intra and inter-generational relationships. Prerequisites: H_D_FS 1600 and H_D_FS 2200 or equivalent; or instructor's consent.
Human Devl & Family Science	18285	H_D_FS 9	G	Macro Social Theory	(same as SOC_WK 9400). An in-depth examination of human development and social environmental theories appropriate to social welfare practice in formal organizations, interorganizational combinations, communities, and larger political entities. Students may not receive credit for both H_D_FS 9400 and SOC_WK 9400.
Human Devl & Family Science	18286	H_D_FS 9	G	Social Welfare Policy Seminar	(same as SOC_WK 9700) Critical examination of comparative models of social policy development; preparation of a professional social work policy analysis in the student's area of interest/specialization.
Industrial/Mfg Sys Engr	19762	IMSE 7580	G	Industrial Energy Efficiency and Management	(cross-leveled with IMSE 4580). Introduction to the fundamentals of industrial energy efficiency and management. Covers the essential concepts, best practices, management systems and current standards to achieve and improve energy efficiency in industrial settings, and utilizes hands-on experiences involving real assessment and analysis of industrial site visits and projects. Prerequisites: IMSE 2030 or instructor's consent.

Info Science & Learning Tech	8700	IS_LT 940	G	Information Policy	Examination of the roles of private and public sectors in information policy formation. Includes consideration of social, economic, political and technological issues.
Info Science & Learning Tech	8715	IS_LT 943	G	Youth Services in Libraries	Examines physical, mental, and emotional development of youth birth through high school. Emphasis on community analysis, outreach services, program design and techniques. Graded on A-F basis only.
Info Science & Learning Tech	8716	IS_LT 943	G	Adult Services in Libraries	Library services to adults, including special populations. Emphasis on information needs of adults, organization and management of adult services.
Journalism	19212	JOURN 71	G	Concepts in Participatory Journalism	Journalists need to know how to be in conversation with their communities rather than lecture to them. In this course, we will look at how a collaborative culture is changing journalism, and how journalists can take advantage of the new landscape. Graded on A-F basis only. Prerequisites: JOURN 2100, JOURN 2150.
Journalism	7944	JOURN 72	G	Global Communication	(cross-leveled with JOURN 4258). Understanding global communication systems with an emphasis on planning and executing strategic communication campaigns. Particular attention will be paid to cultural, political and economic differences as they affect marketing and development communication. Prerequisites: JOURN 4200 or JOURN 7200, JOURN 4204 or JOURN 7204, JOURN 4952 or JOURN 7952.
Journalism	7811	JOURN 73	G	Broadcast News I	Beginning reporting and news writing for radio, television and their on-line services. Introduction to use of audio and video recorders and editing systems in production of news stories. Consideration of ethical issues, economic factors, relationships with news sources and gender and ethnic diversity in the newsroom and in news stories. Prerequisites: JOURN 2100.

Journalism	20037	JOURN 73	G	The Intersections of Documentary Film and Journalism	(same as FILM_S 7370; cross-leveled with JOURN 4370). The popularity of documentary film in the past ten years has skyrocketed, and recent award-winning documentaries such as Inside Job (2010), Blackfish (2013), and The Invisible War (2012) are simultaneously entertaining audiences and investigating serious issues like the financial collapse, killer whale captivity, and sex crimes in the military--issues that in the past might have been covered exclusively by investigative journalism. What explains the public's growing fascination with documentary? How is documentary film reacting to recent transformations in the media landscape? Is it filling a critical need that journalism is no longer willing or able to meet? This course will explore the intersection of these two nonfiction storytelling forms--documentary film and journalism--and examine the role played by advocacy in both modes, as well as the cultural and ethical implications of the convergence between journalism and documentary film. In that it is centered on contemporary documentary film culture, the course also takes advantage of the True/ False Film Festival, and will be host to a conference during Week 6, featuring a number of major visiting filmmakers and film critics. Attendance at some sessions is required. Graded on A-F basis only.
Journalism	7900	JOURN 74	G	Science, Health and Environmental Writing	(cross-leveled with JOURN 4416). In this course students learn how to cover science, health and environmental topics by reporting and writing several stories for publication. Students can develop a marketable specialty or cover these angles in any beat. This course can serve as a substitute for JOURN 7410 Intermediate Writing. Prerequisites: JOURN 4450 or JOURN 7450 or JOURN 4804 or JOURN 7804.

Journalism	7825	JOURN 74	G	News Reporting	Assignments on a daily city newspaper covering community news, city, county and state affairs, sports and lifestyle issues. Experience in gathering and writing news, writing under deadline conditions. Prerequisites: JOURN_0900 or JOURN 2100.
Journalism	7883	JOURN 74	G	Advanced News Reporting	(cross-leveled with JOURN 7460). Assignments to more difficult beat areas, team reporting, and some investigative reporting for community newspaper. Individual conferences and weekly class sessions on contemporary reporting problems. Prerequisites: JOURN 4450 or JOURN 7450.
Journalism	8056	JOURN 76	G	International Issues Reporting	An advanced professional seminar on how to recognize, report and write about the domestic influence of international political, economic and cultural problems and trends. Prerequisites: JOURN 4450 or JOURN 7450.
Journalism	7870	JOURN 76	G	International News Media Systems	A comparative survey of current news media systems and how they affect the international flow of information. Newspapers, news agencies, broadcasting and satellite networks of the world are analyzed.
Journalism	7875	JOURN 76	G	International Journalism	An examination of the gathering, editing and dissemination of international news. The impact of social, economic, cultural and political structures on news media performance is evaluated.
Journalism	8053	JOURN 77	G	Participatory Journalism	An examination of how information is shared outside professional journalism, and how journalists can interact with communities. Topics will include community collaboration, social media, audience outreach and understanding, and an expanding definition of news." Students will work with the community on behalf of the Missourian. All interest areas welcome. Prerequisites: instructor's consent."
Journalism	8058	JOURN 77	G	The Community Newspaper	The role of the newspaper in the community. Handling of news categories especially applicable to smaller newspaper. Field trips giving students experience in publishing newspapers in the state. Prerequisites: JOURN_0900 and JOURN 2100.

Journalism	8078	JOURN 77	G	Confronting Controls on Information	A review of actions by government, society and the communications media calculated to limit or alter the content of information in the United States and elsewhere around the world. Prerequisites: instructor's consent required.
Journalism	8091	JOURN 80	G	History of Mass Media	American mass media from colonial days to present in the context of social, economic and political change. History research.
Journalism	21193	JOURN 80	G	Media Sociology	This course examines the relationship between media (and journalism in particular) and society by addressing the impact of society on media and the impact of media on society. It connects media actors, organizations, and institutions to important sociological concepts, such as socialization, social interaction, social roles, and social structures, concerns, such as power, ideology, autonomy, and identity, and debates, such as agency-structure, subjectivity-objectivity, and stability-change. Graded on A-F basis only.
Journalism	8177	JOURN 80	G	Strategic Conflict Management	Strategic conflict management is a cross-disciplinary study that integrated organizational behavior, crisis management, conflict resolution and image repair. This course melds theory with practice, and is for those venturing into media management, law, and strategic communication. Prerequisite: graduate journalism standing required.
Journalism	8124	JOURN 80	G	Environmental Research for Journalists	This class is an introduction for journalists to understand quantitative research about the environment. Applications of advanced parametric and non-parametric statistical methods in environmental research are stressed. Students evaluate diverse environmental research.
Journalism	8132	JOURN 80	G	Proseminar: Science, Society and the News Media	Seminar explores the complex interactions among science, biomedicine, the news media and the public. Seminar is more about media sociology than the sociology of science.

Journalism	8106	JOURN 80	G	Issues and Theories in International Communication	This course examines current issues in international communication, including a comparative study of the mass media systems of nations with different cultural, political, social and economic structures.
Journalism	8115	JOURN 80	G	Photography in Society	Social and political dimensions of still photography with emphasis on critical thinking and analysis in visual communication.
Journalism	8141	JOURN 90	G	Media and Politics	With a general premise that the mass media play a central role in American politics, this seminar seeks to answer how the class will examine various theoretical bases for that role and the ensuing political communications, the issues raised in covering American politics, and the types of effects both from politicians and from the mass media coverage on the American society.
Journalism	8145	JOURN 90	G	Mass Communication and Cultural Theory	Explores the relationship between mass communication and the idea of culture as it emerges during the second half of the twentieth century in the United States.
Learning, Teaching & Curric	14692	LTC 7040	G	Inquiring into Schools, Community and Society I	This course focuses on schooling in American society, the school community, the school culture and students' lives and identities. Studied are the political, cultural, and economic conditions of the schools. Prerequisites: TDP 2020 and completion of Phase I or enrollment in a graduate level program in the College of Education.
Learning, Teaching & Curric	14698	LTC 7091	G	Assessment and Family Collaboration in Early Childhood Education	(cross-leveled with LTC 4091). Strategies for effectively observing and assessing young children and strategies for building positive family and community relationships, which support children's development and learning. Prerequisites: Consent required (enrollment limited to students admitted to Phase II).
Learning, Teaching & Curric	11263	LTC 7650	G	Education in Human Sexuality	The biological, psychosocial and educational aspects of human sexuality with special emphasis on instructional activities related to interpersonal communication, decision-making ability and clarification of values, course is designed for both teachers and health-care personnel. Prerequisites: LTC 1310 or equivalent.

Learning, Teaching & Curric	11275	LTC 7660	G	Drug Education	The psychosocial, legal and pharmacological aspects of the recreational use of over-the-counter and street drugs are investigated with emphasis being placed on personal decision making, principles of school and community drug education, rehabilitation and community health services.
Learning, Teaching & Curric	17721	LTC 8647	G	Language and Culture for Educators	This course will examine how to prepare educators to effectively educate students from a range of linguistic and cultural backgrounds by developing a broad understanding of the definition and nature of culture and appropriate teaching strategies and materials for diverse students. Graded on A-F basis only.
Learning, Teaching & Curric	13302	LTC 8710	G	Nature of Science and Science Teaching	Examines philosophical, historical and sociological views of the nature of science and implications for science education policy and science instruction.
Learning, Teaching & Curric	21044	LTC 8767	G	The Art of Teacher Reflection	This course investigates reflective practices making deep inquiries into theoretical teaching practices. Students will examine their educational heritage, cultural beliefs and the implications these beliefs have on their current and future classrooms. Graded on A-F basis only.
Learning, Teaching & Curric	3314	LTC 8790	G	Patterns for Instruction in Social Studies	Presents and evaluates strategies for planning, teaching, and evaluating social studies in elementary and secondary schools.
Learning, Teaching & Curric	3316	LTC 8800	G	Secondary Social Studies Curriculum	Examines current theory, trends and practices in secondary social studies curriculum with a practicum in curriculum development.
Learning, Teaching & Curric	3119	LTC 8805	G	Inquiry into K-12 History and Social Science	this course is designed as a directed study on a topic in social studies content for the K-12 classroom. The focus of the course is on what is taught in social studies. Graded on A-F basis only
Learning, Teaching & Curric	3120	LTC 8806	G	Issues in the Social Studies Classroom	This course is designed to provide an intensive study of current trends and significant issues in social studies that affect the social studies classroom.

Learning, Teaching & Curric	3317	LTC 8810	G	Elementary Social Studies Curriculum	An in-depth study of objectives, goals, patterns and practices in elementary social studies curriculum. Focus will be upon instructional strategies and materials and current trends influencing curriculum development.
Learning, Teaching & Curric	20094	LTC 8886	G	Contemporary Equity Issues in Mathematics Education	Certain student populations (e.g., socioeconomically disadvantaged, racial minorities, English Language Learners, students with disabilities) have been traditionally underserved by the U.S. mathematics education system. This course explores the fundamental issues underlying this situation and explores mathematics teaching techniques that can be used to make students' learning opportunities more equitable. Graded on an A-F basis only.
Linguistics	8787	LINGST 74	G	Language and Culture	(same as ANTHRO 7400). Interrelations between language, thought, culture, and society; role of language in cognition; methods and concepts of linguistics in cultural analysis. Prerequisites: ANTHRO 2040 or LINGST 2040 or equivalent
Linguistics	8766	LINGST 74	G	Gender, Language, and Communication	(same as COMMUN 7412 and ANTHRO 7412). Relationships among gender, language, nonverbal communication, and culture.
Linguistics	5707	LINGST 81	G	Bilingualism and Language Contact	(same as SPAN 8120 and FRENCH 8120). Global analysis of the study of Bilingualism from a combined sociocultural, sociolinguistic and psycholinguistic perspective based on current research and examination of various phenomena of language contact (taught in Eng.).
Management	1787	MANGMT	G	Strategy and Global Competitiveness	Investigates alternative goals of business enterprises relative to internal resources and external environment; development and implementation of policies and strategies to achieve objectives. Cases, computer simulations, and/or field research may supplement published materials. Prerequisites: MANGMT 7970 for the 1.5 credit hour version of the course. Open to MBA Students only.

Management	18404	MANGMT	G	Seminar in Macro Organizational Behavior	This course is designated to introduce students to content areas within the organizational behavior literature. Topics in macro" organizational behavior will be covered, including groups and teams, organizational culture, and national culture. We will also cover a number of topics outside of traditional organizational behavior topics, including negotiation and social conflict, creativity, empowerment, and other topics as the instructor sees fit. Readings will consist of a combination of recent and classic journal articles on the topics. Prerequisites: PhD Students and instructor's consent."
Mechanical & Aerospace Engr	9372	MAE 7330	G	Solar Energy Utilization	Thermal aspects of solar radiation applied to human and industrial needs. Solar energy availability: hourly, daily, and seasonally. Space and water heating. Thermal storage. Passive and active solar design of buildings and homes. Prerequisites: MAE 4300.
Mechanical & Aerospace Engr	9374	MAE 7340	G	Heating and Air Conditioning	General principles of thermal science applied to the design of environmental control systems. Topics covered include heating and cooling load calculations, annual operating and life cycle cost estimating, duct and pipe sizing, and equipment selection. Prerequisites: MAE 4300.
Mechanical & Aerospace Engr	19575	MAE 7355	G	Industrial Energy Analysis	Energy use in industrial systems: furnaces, boilers, compressors, motors, lighting, etc. Insulation in building envelopes. Renewable energy sources. Energy auditing and economic analysis. Graded on A-F basis only. Corequisite: MAE 4300 or instructor's consent.
Mechanical & Aerospace Engr	19931	MAE 7356	G	Renewable Energy	Basic principles and technical details of various renewable energy technologies (solar, biomass, wind, hydroelectric, geothermal) for a sustainable energy supply. Process design, energy analysis, and environmental assessment of renewable energy systems. Graded on A-F basis only. Prerequisites: Instructor's consent and Bachelor's in Engineering.

Medicine-Interdisciplinary	20322	MED_ID 6	G	Sexual and Gender Minority Health Issues Across the Lifecourse	The purpose of this course is to increase student's familiarity with sexual and gender minority health issues likely to be seen in practice. Integral to the course structure is improved cultural competency in not only appropriate language and terms used within the community but also a sense of the social-cultural issues each generation has faced growing up in America. Prerequisites: successful completion of the first two years of medical school.
Medieval Renaissance Studies	21054	MDVL_RE	G	Studies in Medieval and Renaissance Cultures-Social Science	(cross-leveled with MDVL_REN 4104). In-depth study of selected topics in medieval and Renaissance cultures. Subjects vary from semester to semester. Topics announced at time of enrollment. May be repeated for credit with departmental consent.

Medieval Renaissance Studies	20433	MDVL_RE	G	Monastic Worlds	(same as REL_ST 7535; cross-leveled with MDVL_REN 4535, REL_ST 4535). Monastic Worlds is an experiential learning course designed to serve as a Humanities Field School in medieval and early modern studies. It will be taught by faculty from UMKC and UMC through the Intercampus Course Sharing initiative. The class introduces students to humanities research methodology and the religious history and culture of premodern Europe and the contemporary Midwest by using the monastic communities as a focal point to learn about musicology, history, art history, literature, and religion. Following two weeks of online course modules, students will travel to the Benedictine communities of Conception Abbey in Conception, Missouri and Mount Saint Scholastica's in Atchison, Kansas, for additional face-to-face classes and research projects. On-site, students will participate in communal living and attend face-to-face classes on the historical and cultural worlds of medieval and early modern Europe. They will practice ethnography through observation of and participation in communal life of prayer, study, book production, and labor. Students will also have the opportunity to work with the manuscripts and rare books owned by these communities and visit the largest reliquary collection in North America, housed at the nearby Benedictine community of the Sisters of Perpetual Adoration in Clyde, MO. This course has an associated fee. Contact teaching faculty for this year's fee details. Graded on A/F basis only.
Nuclear Science and Engr Inst	10242	NU_ENG	G	Nuclear Forensic Analysis	Principles/applications of nuclear techniques in solution of bioenvironmental problems. Uses of nuclear methods in studies of water/air pollution, biology, medicine, pesticides, geochemistry, ecological transport. Lectures, laboratory. Prerequisites: NU_ENG 7303, instructor's consent.

Nursing	10446	NURSE 71	G	Trends and Issues in Nursing	Issues and trends involving professional nursing practice are examined from socioeconomic, organizational, legal and ethical perspectives. Past, present and future roles and practice of nurses are examined.
Nursing	10423	NURSE 71	G	Advanced Pharmacology and Pharmacotherapeutics	Advanced practice nurse drug therapy management for health maintenance and treatment of acute episodic and chronic health problems in various populations over the life span. Prerequisites: BSN or instructor's consent.
Nursing	10426	NURSE 73	G	Advanced Health Assessment for Pediatric Nursing Practice	Comprehensive assessment of children through adolescence including those with significant health and/or developmental deviations using advanced diagnostic reasoning process. Emphasis on health history, cultural diversity, differentiation, interpretation and documentation of findings.
Nursing	10414	NURSE 76	G	Women's Health	A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations.
Nursing	18814	NURSE 77	G	Physical Function and Older Adults	(Same as F_C_MD 7750, ARCHST 7640, HMI 7750, H_D_FS 7750, P_HLTH 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded A-F only.
Nursing	18791	NURSE 77	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, HMI 7751, H_D_FS 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.

Nursing	10447	NURSE 81	G	Principles of Epidemiology	Explores key concepts of epidemiology and epidemiologic methods for studying the distribution and determinants of health and disease in populations. Application to public health and population-based practice addressed. Prerequisites: NURSE 7150 or faculty consent.
Nursing	10480	NURSE 81	G	Community-Based Public Health Interventions	Assessing and Diagnosing health-related needs of at-risk and vulnerable populations. Evaluating outcome-based research. Clinical practice implementing a public health intervention. Prerequisites: NURSE 8100, NURSE 8110, graduate level Statistics course; Prerequisites or Corequisites: NURSE 7150.
Nursing	10454	NURSE 82	G	Special Health Care Needs of Children	Perform developmental, neuro developmental, and psychosocial assessments of chronically ill children. Collaborate with families, schools; health care, community, family services to meet child's needs. Prerequisites: NURSE 7100 or instructor's consent.
Nursing	10490	NURSE 83	G	Public Health and Sociocultural Issues	Explores concepts of public health with a focus on the advanced practice nurse in population-based/primary care practice; core public health functions will be addressed at three service levels--the aggregate, the family, and the individual. Prerequisites: NURSE 7100.
Nursing	18660	NURSE 83	G	Health Disparities of Rural and Other Underserved Populations	In-depth examination of rural and other vulnerable populations and their interactions with the health care system including access, utilization, and outcomes. May be repeated for credit. Prerequisites: NURSE 7087, NURSE 8300 or faculty consent.
Nursing	10467	NURSE 84	G	Newborn Through Adolescence Primary Care	Advanced nursing practice of newborn through adolescence of health maintenance/promotion, clinical diagnosis and management of common childhood illness, behavioral, developmental problems. Advanced knowledge of human growth, development, family dynamics, community resources, collaborative relationships. Integrated clinical practicum. Prerequisites: NURSE 7140 or NURSE 7310.

Nursing	10459	NURSE 86	G	Group Therapy and Social Skills Training	Application of group and behavioral methods in mental health prevention, promotion, maintenance, and restoration. Designing, implementing, and evaluating mental health promotion groups and social skills training programs. Prerequisites: NURSE 7100 or concurrent.
Nursing	10516	NURSE 87	G	Symptom Management in Acute and Chronic Illness	Clinical management of symptoms of acute and chronic illness across the lifespan. Preparation for teaching patient self-management strategies. Integrated clinical practicum with selected population and setting. Prerequisites: NURSE 7140 and NURSE 7150 or faculty consent.
Nursing	10522	NURSE 89	G	Nursing and Health Policy	Designed to explore and critically evaluate the role of nursing and nurse leaders/scholars in health policy development and the organization and financing of health care in response to the health and social needs of the public.
Nursing	19406	NURSE 94	G	Macro Social Theory	(Same as SOC_WK 9400) Building on the foundation laid in Social Work 9100, in depth examination of human development and social environment theories appropriate to scientific examination of social welfare practice with formal organizations, interorganizational combinations, communities and larger political entities. May be repeated for credit. Prerequisites: Consent required.
Nursing	19405	NURSE 94	G	Doctoral Seminar: Social Determinants of Health	Doctoral seminar on defining, measuring and conducting research on social determinants of health. May be repeated for credit. Prerequisites: NURSE 9120 and NURSE 9410.
Nursing	19390	NURSE 97	G	Social Welfare Policy Seminar	(Same as SOC_WK 9700) Critical examination of comparative models of social policy development.; preparation of a professional social work policy analysis in the student's area of interest/specialization that is suitable for submission to an appropriate referred journal. May be repeated for credit. Prerequisites: instructor's consent.

Nutrition	10587	NUTRIT 73	G	Nutrition During the Life Cycle	Nutritional, physiological and environmental influences on the aging process of man from conception through senescence.
Nutrition	10597	NUTRIT 83	G	Nutrition in Human Health	(same as NEP 8340.) Nutritional aspects of maintaining human health with emphasis on chronic disease prevention. Grades based on classroom participation and four exams. Prerequisites: BIOCHM 4270 and BIOCHM 4272; 4000-level nutrition course.
Nutrition & Exercise Physio	7244	NEP 7150	G	Readings in Nutritional Sciences and Exercise Physiology	In this course students will have the opportunity to read the literature in the area of nutrition and exercise physiology, allowing them to get more indepth knowledge in a specific area or areas. Prerequisites: 15 hours course work in field of subject and instructor's consent.
Nutrition & Exercise Physio	10575	NEP 7360	G	Nutritional Assessment	(cross-leveled with NEP 4360). Introduction to the nutrition assessment process. The identification of dietary, anthropometric, laboratory, clinical and sociocultural parameters used to assess nutritional status of individuals. Lecture course. Prerequisites: PSYCH 1000, NEP 2340.
Nutrition & Exercise Physio	18514	NEP 7590	G	Community Nutrition	(cross-leveled with NEP 4590). Public health nutrition and chronic disease prevention, food security, nutrition programs and food access, public policy, sustainable agriculture and food production systems, cultural food practices, needs assessment. Graded on A-F basis only. Prerequisites: Nutrition course or instructor's consent.
Nutrition & Exercise Physio	11293	NEP 7840	G	Cardiovascular Health and Fitness	Physiology underlying best methods for obtaining and maintaining cardiovascular health and fitness. Includes exercise and weight control, plasma lipids, energy metabolism, cardiovascular dynamics, and recent research findings.

Nutrition & Exercise Physio	19553	NEP 8030	G	Etiology of Obesity	This course is designed to provide an understanding of the cause and implications of human obesity. General topic areas covered will include: methodologies of obesity research, physiology of obesity, behavioral and environmental factors influencing obesity, obesity and disease, therapeutic approaches to obesity, and emerging topics in obesity. The structure of this course will be mixture of lectures and interactive discussions/reviews of primary research articles in these areas. Students will be expected to present and critically evaluate research papers relevant to the field of obesity. Prerequisites: NEP 7340.
Occupational Therapy	18973	OC_THR 7	G	Disability In Context	Community experiences are provided for observation, interview, assessment, and relational skills with persons experiencing disabilities throughout the lifespan. Professional and therapeutic relationships encompassing holism are discussed. Seminar weekly. Graded on A-F basis only.
Occupational Therapy	19569	OC_THR 7	G	Lifespan Occupations II	Overview of biopsychosocial development and the aging process from young adulthood through older adulthood from an occupational perspective. Emphasis on the impact of client and contextual factors on occupational development and loss of occupations throughout the adult lifespan. Graded on A-F basis only. Prerequisites: Admission to the Occupational Therapy professional program and satisfactory completion of all previous professional program coursework (C or better for undergraduate; B or better for graduate).
Occupational Therapy	19569	OC_THR 7	G	Human Development and Occupations II	(cross-leveled with OC_THR 4620). Overview of biopsychosocial development and the aging process from young adulthood through older adulthood from an occupational perspective. Emphasis on the impact of client and contextual factors on occupational development and loss of occupations throughout the adult lifespan. Graded on A-F basis only. Prerequisites: Restricted to Occupational Therapy students only.

Occupational Therapy	19568	OC_THR 7	G	Fieldwork I Older Adults	Development of evaluation and intervention skills via on-site interaction with older adults in a residential facility. Opportunities to gather data, plan/implement activities, document client performance, and develop therapeutic relationships with older adults and care providers. Graded on S/U basis only. Prerequisites: Admission to the Occupational Therapy professional program and satisfactory completion of all previous professional program coursework (C or better for undergraduate; B or better for graduate).
Occupational Therapy	19568	OC_THR 7	G	Fieldwork I - Occupations II	(cross-leveled with OC_THR 4622). Development of evaluation and intervention skills via on-site interaction with older adults in a residential facility. Opportunities to gather data, plan/implement activities, document client performance, and develop therapeutic relationships with older adults and care providers. Graded on S/U basis only. Recommended: Restricted to Occupational Therapy students only.
Occupational Therapy	19294	OC_THR 7	G	Community-Based Practice	Focus on role of occupational therapy in prevention, health and wellness. Program development and evaluation completed through community needs assessment and completion of health promotion project. Graded on A-F only basis. Prerequisites: Admission to the Occupational Therapy Professional Program.
Occupational Therapy	10720	OC_THR 7	G	Fieldwork Level II-A	Advanced practicum in various community settings such as the school system, hospitals, rehabilitation centers and residential facilities. Emphasis on hands-on experiences and translation of theory into practice. Graded on S/U basis only.
Occupational Therapy	10724	OC_THR 7	G	Fieldwork Level II-B	Advanced practicum in rehabilitation and various community settings for application of more specialized practice in community based settings. Emphasis on critical analysis of human occupation, clinical reasoning, synthesis, and evidence based practice. Graded on S/U basis only.

Occupational Therapy	10714	OC_THR 8	G	Psychosocial Aspects of Occupational Therapy	This graduate course will examine the practice of occupational therapy in treating emotional and mental illnesses and related psychosocial dysfunction in the context of a variety of mental health treatment settings. The course will cover advanced frames of reference, treatment strategies, assessments, service delivery, program planning and group facilitation. In conjunction with didactic content students will actively explore these areas through hands on and practical learning experiences such as planning and leading groups, selecting and administering assessments, and developing a service delivery plan. The student will be required to complete an assigned field experience and write a reflection paper to insight and new perspectives on mental illness. Prerequisites: Restricted to Occupational Therapy students only.
Parks, Recreation and Tourism	12678	P_R_TR 8	G	Leisure, Technology and Human Values	Study of the developmental patterns of leisure services in society with emphasis to the dynamics of technology and leisure on individual and social values.
Parks, Recreation and Tourism	12680	P_R_TR 8	G	Philosophical Perspectives of Leisure	Study of the theoretical and philosophical perspective of leisure in society with emphasis on integration and development of the student's personal and professional viewpoint.
Parks, Recreation and Tourism	11330	PH_THR 7	G	Clinical Pathophysiology	(same as OC_THR 7270; cross-leveled with PH_THR 4270, OC_THR 4270) Interdisciplinary and case-based examination of the pathophysiology, prevention and general health management of disease/injury across the lifespan encountered in occupational and physical therapy practice.
Peace Studies	10885	PEA_ST 7	G	Theory and Practice of Theatre of the Oppressed	(same as THEATR 7240). Theory and practice of Augusto Boal's liberatory interactive theatre process, including application of techniques of specific social issues. Prerequisites: instructor's consent.

Peace Studies	20331	PEA_ST 72	G	Law and Society: Corporate and White Collar Crime and Malfeasance	(cross-leveled with PEA_ST 4288). Instances of corporate crime and ethical misconduct analyzed through major theories of the sociology of law including critical legal studies, Legal Realism, sociological jurisprudence, collective representation theory, state-corporate crime, rationalization of legal institutions/ critical theory, and post-structuralism. Cases to be analyzed might include mortgage lending fraud and malpractice, insider trading, pyramid schemes, the Erie Railroad scandals, and Enron, Worldcom, Tyco, and other instances in the hi tech collapse of 2001. Other topics: Corporate crime in the media and in novels and popular culture, appropriate sentencing, global corporate crime.
Peace Studies	10869	PEA_ST 75	G	Political Sociology	(same as SOCIOL 7520). Social bases of power and politics, economic and political elites, the political economy of the advanced societies, sources of political conflict and change. MA core course. Prerequisites: SOCIOL 3200, SOCIOL 3510, SOCIOL 3520, or SOCIOL 3700.
Peace Studies	18042	PEA_ST 75	G	Gender and Human Rights in Cross Cultural Perspective	(same as SOCIOL 7750 or WGST 7550). Focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of human rights, western and nonwestern perspectives, feminist contributions, important substantive debates, violations, policymaking and activism.

Personal Financial Planning	18928	FINPLN 75	G	Personal Financial Issues of Older Adults	(same as H_D_FS 7583). Principles and practice of personal finance relevant to assessing and improving the financial security of older individuals. Topics covered include sources of income, management of cash flow, credit use and abuse, risk exposure, investment management, housing, and financial planning. Financial vulnerabilities of seniors will be explored. May be repeated for credit. Graded on A-F basis only. Prerequisites: Bachelor or Master's degree in human services, social work, mental health, nursing physical rehabilitation or psychology; Must be enrolled in Graduate Certificate in Geriatric Care Management program.
Personal Financial Planning	17976	FINPLN 83	G	Family Systems	Exploration of the family as a system within the broader context of society.
Personal Financial Planning	19090	FINPLN 83	G	International Employee Benefits and Retirement Planning	This course develops the theory and application of international employee benefits and retirement planning. Universal theory will be applied to analyze existing programs in an international context. Graded on A-F basis only. Prerequisites: FINPLN 7183 and FINPLN 7383.
Personal Financial Planning	5157	FINPLN 84	G	Human Resource Development and Allocation	Economic analysis of conditions, programs and policies related to development and use of human resources, with special reference to impact on families and households. Prerequisites: FINPLN 4387 or instructor's consent.
Personal Financial Planning	5158	FINPLN 84	G	Social Policy and the Family Economy	Economic analysis of public programs that directly affect well-being of families: income maintenance, goods transfers, employment, housing, health, transportation, taxes, etc.; consideration of underlying philosophies, policy alternatives. Prerequisites: FINPLN 7387 or instructor's consent.
Philosophy	10978	PHIL 7220	G	Philosophy of Religion	Considers basis for and nature of religious beliefs. Philosophical approaches to religion, cultural implications of religion, psychoanalysis and religion, mysticism and myth.

Philosophy	11039	PHIL 7600	G	Political and Social Philosophy	(same as PEA_ST 4600). Contemporary and/or historical theories of justice and the state. Utilitarianism, Liberalism, Libertarianism, Marxism, Communitarianism and Feminism may be among the views covered.
Philosophy	11090	PHIL 9320	G	Social and Political Philosophy	Topics of current interest in social and political philosophy. generally one of the following: social contract theory, utilitarianism, voting procedures, or convention. Prerequisites: PHIL 4600 or instructor's consent and graduate Philosophy student.
Philosophy	11108	PHIL 9510	G	Decision Theory	Principles for making rational decisions, including principles of expected utility theory, game theory, and social choice theory. A survey of basic ideas and an introduction to selected research topics. Prerequisites: PHIL 4110; graduate Philosophy student.
Plant Sciences	11657	PLNT_S 73	G	Precision Agriculture Science and Technology	(same as AG_S_M 7360 and SOIL 7360; cross-leveled with PLNT_S 4360, AG_S_M 4360, SOIL 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: SOIL 2100, PLNT_S 2110 or instructor's consent.
Plant Sciences	11602	PLNT_S 75	G	Biology and Pathogenesis of Plant-Associated Microbes	(cross-leveled with PLNT_S 4500). Diagnosis of disease of plants caused by fungi, nematodes, viruses and bacteria. Environmental and genetic factors leading to disease development and strategies for disease management, including biotechnology. Prerequisites: 5 hours BIO_SC.
Plant Sciences	5008	PLNT_S 77	G	Insect Pest Management for Plant Protection	(cross-leveled with PLNT_S 4730). History and concepts of Integrated Pest Management for insects pests, emphasizing complementary use of biological control, plant resistance, environmental manipulations, genetic manipulations, and selective use of insecticides. Prerequisites: PLNT_S 3710 or instructor's consent.

Plant Sciences	17725	PLNT_S 93	G	Ecology of Grazing Lands Systems	Students travel to grazing lands ecosystems to learn: the components and function of grazing lands; research techniques in soil-plant-animal research; forage-livestock ecology; and the role of forages in conservation practices, wildlife habitat, and sustainable agriculture. Prerequisites: instructor's consent.
Plant Sciences	597	PLNT_S 94	G	Advanced Plant Physiology	Advanced course in the physiology of plant growth and development. Discussion of current and classical studies in plant physiology with emphasis on responses to environmental variation. Prerequisites: PLNT_S 4315 or PLNT_S 4320 or equivalent. Instructor's consent required.
Plant Sciences	606	PLNT_S 94	G	Applied Quantitative and Statistical Genetics	Estimation of genetic effects using means and variances, diallel analysis, environmental stability responses, index selection, and gain from selection. Prerequisites: PLNT_S 4330, STAT 4510, STAT 4530, AN_SCI 9423, or equivalent.
Political Science	11821	POL_SC 90	G	Scope and Methods	Examines the major fields in the discipline, assumptions underlying empirical social science and theoretical issues in the study of politics. Primarily for doctoral candidates in political science.
Political Science	11851	POL_SC 90	G	Civil Rights and Civil Liberties	Research seminar on the U.S. Constitution, civil liberties, and civil rights. Topics include the First Amendment and freedom of expression and of belief, due process, the rights of the accused, privacy, equal protection, and constitutional interpretation. Graded on A-F basis only.
Political Science	11855	POL_SC 90	G	Racial and Ethnic Politics	Theories, institutional processes, and behaviors pertaining to social defined racial and ethnic groups. Topics include social dominance, representation, mobilization, public opinion, and the influence of racial and ethnic factors on the American political process.

Political Science	11862	POL_SC 93	G	Public Policy, Processes and Strategies	Provides an overview of the history, function, size, scope, development, and management of the nonprofit sector. Historical, political, economic, and social perspectives are used to examine the meaning of voluntarism, charity, philanthropy, and the nonprofit sector. Graded on A-F basis.
Political Science	11822	POL_SC 94	G	Introduction to International Relations	Analysis, evaluation of some basic theories which attempt to explain international affairs.
Political Science	11827	POL_SC 94	G	Quantitative Approaches in International Relations	Research seminar emphasizing quantitative analysis of large data sets on international politics, especially international conflict. Topics include conflict escalation, correlates of war, deterrence, alliance behavior and the democratic peace.
Political Science	11830	POL_SC 94	G	International Political Economy	Theories of political economy and current problems such as North-South relations, international trade, monetary relations, aid regimes, and international divisions of labor.
Political Science	11840	POL_SC 94	G	International Conflict	This is an advanced seminar in international conflict. The range of material that might be included is vast, so an effort will be made to balance overall coverage with the need to look in more depth at some especially salient areas in the literature. The seminar unfolds in five parts.
Political Science	11893	POL_SC 94	G	Coercive Diplomacy	Research seminar on how nations apply political and economic sanctions on other nations in order to compel or entice changes in foreign policy and/or government behavior. How threats (short of conflict) and incentives govern international relations.
Political Science	19558	POL_SC 94	G	Human Security	Seminar on cross-national civil, political, economic, social, and cultural rights. The determinants of human security issues and the efficacy and dynamics of efforts from intergovernmental organizations, foreign aid, peacekeeping, interventions, and treaties on human rights.
Political Science	11824	POL_SC 94	G	Selected Themes in International Relations	Intensive study of foreign policy formulation and implementation; special emphasis on American foreign policies.

Political Science	11824	POL_SC 96	G	Selected Themes in International Relations	Graduate seminar in International Relations. Variable content. May be repeated for credit.
Political Science	11875	POL_SC 96	G	European Union Politics	Research seminar on the politics of the European Union. Topics include historical development of European integration, EU institutional structure, enlargement, and EU economic, social and foreign policies.
Political Science	20134	POL_SC 96	G	China and Political Science Research	This is a graduate-level seminar on Chinese politics and foreign policy since 1949 covering the key historical events in Chinese political development and foreign policy. These events and developments will be examined in light of major theories in and methodological approaches adopted by the subfields of comparative politics and international relations, with the goal of exploring the strengths and weaknesses of alternative perspectives. At the end of the course, students should be familiar with the key debates and questions in the study of Chinese politics and foreign policy, and have a better sense of how to research questions on these topics. The course is also intended to encourage a dialogue between the study of China and the broader fields of comparative politics and international relations. Thus by the end of the course, students should have a sense not only for how the study of Chinese politics and foreign policy applies broader CP/IR theories to explain key patterns and events in China, but also gain insight into the question of what China as a case (or cases) can contribute back to major theories and debates in these fields. Prerequisites: POL_SC 9600.
Political Science	11894	POL_SC 96	G	European Transitions	Research seminar comparing post-communist transitions with those from previous European transformations along economic, political, and social lines. The course focuses on testing theories and on comparing transitional experiences in search of generalizable results.

Political Science	19919	POL_SC 96	G	Democracy and Dictatorship	Research seminar on comparative politics of authoritarian and democratic regimes. Topics include characteristics and durability of authoritarianism, political institutions under autocracy, tactics of rule, state-society relations, transition and breakdown of regimes.
Political Science	11887	POL_SC 97	G	Comparative Political Economy	Interdisciplinary, comparative analysis of political aspects of political economy, rural development, and related issues.
Political Science	11882	POL_SC 98	G	Selected Themes in Political Thought	Intensive examination of selected themes and problems in political thought. Themes may include: feminist political thought, perspectives on politics and violence, nationalism and post-colonial thought, or political theory and political culture.
Political Science	11868	POL_SC 99	G	Leadership in Civic Education	Intensive workshop for Missouri secondary social studies teachers. Includes instructional materials on U. S. and Missouri governments, lectures by leading scholars, breakout sessions, and interactions with government practitioners.
Psychiatry	21199	PSCHTY 69	G	Two Week - Psychiatry Adult Inpatient Service	The student will work as a member of an inpatient multidisciplinary team and participate in the evaluation and treatment of adults on an acute care inpatient psychiatry service at MUPC. Typical activities include following several patients, observing and conducting psychiatric evaluation, collecting collateral information, reviewing medical records, participation in staffings, rounds and therapeutic groups and documentation in the medical record. Prerequisites: Successful completion of the first two years of medical school.

Psychiatry	21200	PSCHTY 68	G	Two Week - Child and Adolescent Psychiatry	The student will work as a member of an inpatient multidisciplinary team and participate in the evaluation and treatment of children and adolescents on an acute care child inpatient psychiatry service at MUPC. Typical activities include following several patients, observing and conducting psychiatric evaluation, collecting collateral information, reviewing medical records, participation in staffings, rounds and therapeutic groups and documentation in the medical record. Prerequisites: Successful completion of the first two years of medical school.
Psychological Sciences	12396	PSYCH 78	G	Cross-Cultural Psychology	This course aims to explore relationships between cultural variables and human behavior, and to look at recent attempts by cross-cultural psychologists to devise theories that reflect the cultural, social and developmental perspectives on behavior. Prerequisites: PSYCH 1000 and departmental consent.
Psychological Sciences	12153	PSYCH 78	G	Psychology of Women	Overview of current theories and research relating to the psychology of women. Topics include gender stereotyping, psychological sex differences, achievement motivation in women, and women and mental health. Prerequisites: PSYCH 1000.
Psychological Sciences	12303	PSYCH 83	G	Survey of Social Psychology	Survey of historical and contemporary theory and research in affiliation, attribution, social comparison, attitude change and group dynamics. Prerequisites: instructor's consent.
Psychological Sciences	12370	PSYCH 84	G	Social and Emotional Development	(same as H_D_FS 8440). There are two major objectives for this course. The first is a content" objective and involves familiarizing students with theory and research regarding social, emotional, and personality development in childhood and adolescence and also regarding the relationships in which such development takes place. The second objective is a "process" objective and involves enhancing students skills at interpreting empirical research, identifying gaps in the literature, and identifying research strategies for addressing those gaps."

Psychological Sciences	17979	PSYCH 89	G	Social and Behavioral Sciences in Public Health	(same as P_HLTH 8920). This course will take both a theoretical and a practical approach to understanding health-related behavior and the field of public health. Students will gain an understanding of theory and empirical research in the social and behavioral sciences, as well as developing practical skills in critically evaluating research and in applying scientific evidence to address real world health concerns.
Psychological Sciences	12337	PSYCH 93	G	Theories of Social Psychology	Intensive review of classic and contemporary concepts and theories of social psychology; emphasizes readings from primary sources. PhD candidates only. Required for all PhD candidates in social psychology. Prerequisites: instructor's consent.
Psychological Sciences	12349	PSYCH 93	G	Studies in Social Psychology	Critical coverage of selected research and theory in social psychology. Prerequisites: instructor's consent, departmental consent for repetition.
Psychological Sciences	12336	PSYCH 93	G	Seminar in Social Psychology	Intensive review of concepts and theories of social psychology; emphasizes readings from primary sources. Ph.D. candidates only. Required for all Ph.D. candidates in social psychology program. Graded on S/U basis only. Prerequisites: instructor's consent.
Psychological Sciences	12335	PSYCH 94	G	Social and Cultural Identity Development	Examines the theories of and research on racial, ethnic, and social group identity development throughout the lifespan. Prerequisites: instructor's consent.
Psychological Sciences	12340	PSYCH 94	G	Psychobiology of Social Development	Survey of social development of from infancy to adulthood. Prerequisites: instructor's consent.
Psychological Sciences	21060	PSYCH 94	G	Women's Professional Development	This class takes a lifespan developmental perspective in regards to understanding challenges in women's professional development. Topics include: perceptions and stereotypes of successful women, division of labor in families (housework versus paid work), motherhood and the work place, social policies for working parents, girls' and boys' interests in STEM professions, and gender and workplace economics (starting salaries, negotiation, the gender pay gap). Graded on A-F basis only. Prerequisites: Instructor Consent Required.

Psychological Sciences	12347	PSYCH 95	G	Community Psychology	Lectures, discussion, readings, and field experiences to familiarize students with the philosophy, techniques, and theory of community psychology. Prerequisites: instructor's consent.
Psychological Sciences	12372	PSYCH 99	G	Advanced History of Psychology	Advanced course in history of psychology designed to show how general philosophical models of mind and behavior have been linked to doctrines of mental health and pathology and to theories of social behavior. Prerequisites: instructor's consent.
Public Health Program	18815	P_HLTH 7	G	Physical Function and Older Adults	(same as F_C_MD 7750, ARCHST 7640, HMI 7750, H_D_FS 7750, NURSE 7750, and SOC_WK 7752). This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded on A-F basis only.
Public Health Program	18792	P_HLTH 7	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH, 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.
Public Health Program	18792	P_HLTH 7	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, HMI 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and SOC_WK 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.

Public Health Program	20098	P_HLTH 7	G	Mental Health Policy	This course is an introductory survey of the principles and practice of mental health policy, beginning with its early history and continuing to the present day. Topics will include the nature of mental illness, its incidence and prevalence, mental health stigma, policy concerns related to mental health finance, the process of policy making, involvement of mental health care consumers in the policy process, and mental health in health policy reform. The needs of special populations including the homeless, persons in the criminal justice system, ethnic/minority groups, persons living in rural areas and veterans will be examined as well as needs specific to children and the elderly. Students are also expected to understand mental health policy considerations related to current health care reform and ethical issues in the practice of mental health policy. Graded on A-F basis only.
Public Health Program	20038	P_HLTH 8	G	Applied Epidemiology in Community Assessment	The purpose of this course is to enable students to gain skills and abilities in assessing population groups and determining their priority public health problems. Students will consider a variety of strategies for empowering and mobilizing populations in collaborative public health efforts. Communication skills are key to the community assessment and intervention process, particularly in translating epidemiological data to lay audiences, and advocating for action. Students will be challenged to communicate public health issues effectively both on-line and in writing. Graded on A-F basis only. Prerequisites: P_HLTH 8420, Graduate level Statistics (STAT 7020 or STAT 7410). Prerequisites or Corequisites: P_HLTH 7952.

Public Health Program	18280	P_HLTH 8	G	Equity and Disparities in Health	(same as SOC_WK 8250). This course is designed to provide students with knowledge about the distribution, causes, and consequences of health inequalities. The course will examine how multiple predictors such as socioeconomic status, behavioral risk factors, and cultural factors such as perceived discrimination and acculturation, gender and marriage, stigma, and health care inequalities are related with racial/ethnic, socioeconomic, and gender disparities in health. This course will also discuss implications that may contribute substantively toward the elimination of health inequalities.
Public Health Program	18626	P_HLTH 8	G	Immigrant Health	Public health professions have considerable interest in understanding the unique health concerns of immigrants, in order to prevent disease, promote health, and prolong life in this specific population and in the population as a whole. This course will be based on readings in the peer-reviewed literature, discussion in a seminar format, community visits and observations/interviews, and guest speakers on topics of importance when considering issues of public health particular to immigrant communities. Graded on A-F basis only. Prerequisite: instructor's consent.
Public Health Program	20494	P_HLTH 8	G	Storytelling in Public Health and Public Policy	Storytelling for public health and public policy offers students an opportunity to become familiar with the literature and theoretical frameworks underlying the use of narrative and digital storytelling in public health and policy advocacy and public health interventions focused on behavior change. Students will review case studies of effective narrative communication and practice elements of effective storytelling in a variety of print and digital platforms. Graded on A-F basis only.

Public Health Program	17960	P_HLTH 8	G	Social and Behavioral Sciences in Public Health	(same as PSYCH 8920). This course will take both a theoretical and a practical approach to understanding health-related behavior and the field of public health. Students will gain an understanding of theory and empirical research in the social and behavioral sciences, as well as developing practical skills in critically evaluating research and in applying scientific evidence to address real world health concerns.
Public Health Program	19241	P_HLTH 8	G	Assessment of Population Health and Field Epidemiology	Assessment in public health including outbreak investigation, surveillance, infectious disease, and environmental epidemiology. May be repeated for credit. Graded on A-F basis only. Prerequisites: Graduate level statistics, basic graduate level epidemiology. Instructor's consent required.
Religious Studies	12812	REL_ST 71	G	Advanced Theories and Methods	(cross-leveled with REL_ST 4100). The course investigates the history of the modern academic study of religion, closely exploring influential theories and methods that have shaped scholarly perspective. May include approaches such as structuralism, phenomenology, Durkheimian and Weberian sociology, Marxism, feminism, thick description, psychoanalysis, and others. Prerequisite: Restricted to Religious Studies major or minor or instructor's consent.
Religious Studies	12831	REL_ST 71	G	Religious Myth and Ritual	(cross-leveled with REL_ST 4110). Comparative analysis of religious mythologies and symbolism as well as the ritual systems associated with those mythologies. Prerequisites: instructor's consent.
Religious Studies	12833	REL_ST 71	G	Studies in Ritual	Exploration of particular themes of religious expression in seasonal, calendric and life-cycle rituals and in personal and public ceremonies. Includes comparisons of indigenous communities and modern society.

Religious Studies	18517	REL_ST 71	G	Religion, Spirituality, and the Brain	Explores neuropsychology of religion, spirituality, transcendence, and mystical experience. Covers development in neuroscience about how the brain works in a variety of religious and spiritual contexts, including prayer, meditation, and altered states of consciousness.
Religious Studies	12968	REL_ST 73	G	Anthropological Theory of Religions	(same as ANTHRO 7380). Course provides a critical evaluation of anthropological explanations of various forms of traditional religious behavior such as magic, shamanism, divination, ritual, mythology and witchcraft. The anthropological explanations examined range from nineteenth century classics to the current approaches of today.
Religious Studies	12901	REL_ST 75	G	Greek and Roman Religion	Survey of religious development among the Greeks and Romans. Prerequisites: sophomore standing and CL_HUM 1060, AR_H_A 1110 or HIST 1520.
Religious Studies	12922	REL_ST 75	G	Major Religious Thinkers	Concentrated study of one or more selected theologians, such as Augustine, Aquinas, Luther, Calvin, Buber, Tillich, and Rahner.
Religious Studies	12827	REL_ST 77	G	Religious Narratives of South Asia	(same as S_A_ST 4300). Study of major narratives of India and their interpretation in literature and art. Topics include: Vedic and Epic mythology, stories of Krishna, myths and images of Shiva, and forms of the Goddess. Prerequisites: REL_ST 2110, REL_ST 3200, or REL_ST 3240, or instructor's consent.
Religious Studies	12952	REL_ST 77	G	The Confucian Tradition: Past and Present	Investigates Confucianism as the dominant religio-philosophical tradition of China and its impact on Korea and Japan. We will study basic Confucian canonical texts, follow its historical development, look at its interactions with other religions, and discuss the continuing relevance of the Confucian tradition in modern East Asia.

Religious Studies	12954	REL_ST 77	G	Introduction to Daoism	An introduction to the Daoist religious tradition, beginning with its background in earlier forms of philosophy, ritual, and belief. We will follow the development of the various Daoist schools and movements over the centuries and examine key aspects of their belief and practice, both historical and contemporary.
Religious Studies	12948	REL_ST 77	G	Women, Religion and Culture	(same as WGST 7750). An advanced study of the role of women in religion, focusing on the methods of determining the significance of gender in religious life, sacred texts, symbols, rituals and/or beliefs. Traditions studied include Christianity, Islam, contemporary pagan communities, and Native American traditions.
Religious Studies	12926	REL_ST 78	G	West African and African Diasporic Religions	Explores traditional African religions and African Islam prior to the slave trade. Also, will examine the Christianity of African American slaves.
Religious Studies	12928	REL_ST 78	G	African-American Religion	(same as BL_STU 7810). Examines the organization of major African American Christian denominations, Islam and religious movements. Twentieth century issues will be discussed, including sexism, classism and homophobia in church communities.
Religious Studies	12963	REL_ST 79	G	Independent Readings in Religious Studies	Independent readings and research selected in consultation with supervisory faculty.
Religious Studies	12956	REL_ST 80	G	Topics in Religious Studies-General	Organized study of selected topics which vary by semester and are announced at time of registration.
Religious Studies	12957	REL_ST 80	G	Topics in Religious Studies-Humanities	Organized study of selected topics which vary by semester and are announced at time of registration.
Religious Studies	12967	REL_ST 80	G	Research and Thesis in Religious Studies	Research and writing for master's thesis. Graded on S/U basis only. Prerequisites: Instructor's consent.
Religious Studies	12959	REL_ST 82	G	Religious Texts and Interpretation: The Veda	(same as S_A_ST 7200). This course examines the Veda, the foundational scripture of Hinduism. It includes close study of Vedic texts and rituals and the influence, interpretation, and application of the Veda in the later Hinduism.

Religious Studies	12970	REL_ST 82	G	Indian Buddhism	This course examines the role of sacred texts in the Theravada and Mayayana Buddhist traditions. The course will emphasize canon formation and ideas about sacred texts in Buddhist traditions.
Religious Studies	12960	REL_ST 82	G	Religious Texts and Interpretation: Gospel Literature	The seminar includes comparative study of ancient gospels, and an examination of modern theories about the development of Jesus traditions.
Religious Studies	12961	REL_ST 84	G	Religious History: Christian Interpretative Communities	This course compares notions of religious authority in the sixteenth century: the Roman Catholic Church's Scripture and tradition and the Protestant principle of sola scriptura. The focus is the doctrine of the Eucharistic disputes carried on throughout the sixteenth century.
Religious Studies	16277	REL_ST 84	G	Religious History: West African Interpretative Communities	In this study of West African religious history, we will examine indigenous African religions, Islam, and Christianity. We will consider the impact of the slave trade, environmental changes, prophetic movements, and changes in the status of women. We will also evaluate theoretical perspectives on the study of Africa, of traditional religions" and oral traditions."
Religious Studies	18914	REL_ST 84	G	Religion, Globalization and Local Cultures	Interdisciplinary, comparative approach to globalization's religious dimensions and productions in a variety of specific sites around the world.
Religious Studies	12964	REL_ST 86	G	Comparative Studies in Spirit Possession	This course will investigate four distinct Afro-Latin religious traditions of the Americas, including traditions from Haiti, Cuba, Brazil and Honduras, as well as comparative examples from South Asia, Europe and North Africa. We will read and discuss such issues as 1) spirit possession and narratively; 2) spirit possession as "history"; 3) possession as dramatic performance; 4) the relationship between sacrifice and possession trance. Through careful exploration of their histories and contemporary practice, the class will attempt general comparisons between the religion as well as the critical review of comparative methods employed.

Religious Studies	12966	REL_ST 87	G	Seminar in Folklore	(same as ANTHRO 8157 and ENGLSH 8700). Focus on the roots of folklore scholarship and methodology and their evolution in modern approaches to the study of oral, traditional verbal genres and their performance in natural folk groups.
Religious Studies	12965	REL_ST 87	G	Comparative Religion: Popular Religion	Popular religion is the lived religion of the common people which takes shape in contact with and distinction from the religion(s) of the elite(s) of a society. This course introduces concepts and theories of popular religion, and investigates its role in various traditions, including Hinduism, Buddhism, Christianity, and Chinese religions.
Romance Languages & Lit	5706	FRENCH 8	G	Bilingualism and Language Contact	(same as SPAN 8120 and LINGST 8120). Global analysis of the study of Bilingualism from a combined sociocultural, sociolinguistic and psycholinguistic perspective based on current research and examination of various phenomena of language contact (taught in English).
Romance Languages & Lit	13934	SPAN 744	G	Advanced Contemporary Culture of Spain	(cross-leveled with SPAN 4442). Study of Spanish culture and civilization through field trips, excursions, and selected readings in history, literature, and contemporary print media. Prerequisites: SPAN 3150, SPAN 3160, SPAN 3721 or equivalent. Open only to participants in the UMC's summer study in Spain.
Romance Languages & Lit	13937	SPAN 745	G	Hispanic Literature of Resistance	A study of the literature of commitment in the Hispanic world: literature in its historical and political contexts that makes a conscious effort to change social conditions. Prerequisites: SPAN 3420 and SPAN 3430.
Romance Languages & Lit	13940	SPAN 746	G	Advanced Contemporary Culture of Spanish America	(cross-leveled with SPAN 4460). A study of Spanish-American culture and civilization through selected readings in history and literature, and the use of visual media. Graded on A-F basis only. Prerequisites: SPAN 3150 and SPAN 3160.

Romance Languages & Lit	13942	SPAN 746	G	Advanced Spanish Civilization	(cross-leveled with SPAN 4461). A survey of Spanish culture and Spanish history from the Middle Ages to the present with special emphasis on contemporary culture. Students will be provided with knowledge of chronology, geography and contemporary issues from readings of journals, novels and Internet news. Prerequisites: SPAN 3150 and SPAN 3160.
Romance Languages & Lit	18725	SPAN 772	G	Language and Society: Spanish in the US	This class surveys linguistic and social issues pertaining to Spanish in the US (past, present and future). Topics include bilingualism, code switching (a.k.a. Spanglish), first language attrition, linguistic identity, and the role of Spanish in education, services and media. Graded on A-F basis only. Recommended: four 3000-level courses in Spanish.
Rural Sociology	13109	RU_SOC 7	G	Social Demography	(same as SOCIOL 7315; cross-leveled with RU_SOC 4315, SOCIOL 4315). Prerequisites: RU_SOC 1000 or SOCIOL 1000 .
Rural Sociology	13117	RU_SOC 7	G	American Community Studies	(cross-leveled with RU_SOC 4325). An introduction to the study of American communities. The course starts with community theories and then focuses on a wide variety of historic and contemporary community studies such as Plainville, Middletown, Sidewalk and others. Seminar format.
Rural Sociology	13120	RU_SOC 7	G	Social Change and Development	(same as SOCIOL 7335; cross-leveled with SOCIOL 4335, RU_SOC 4335). Nature of social change and development. Emphasizes sociological theories of social change and development contrasting them with approaches from other disciplines. Prerequisites: RU_SOC 1000 or SOCIOL 1000.
Rural Sociology	13125	RU_SOC 7	G	Building Communities from the Grassroots	(cross-leveled with RU_SOC 4341). Introduction and application of basic community development concepts, methods and practical skills for involving and empowering local citizens and leaders effectively in community-based efforts regardless of the issue. Prerequisites: instructor's consent.

Rural Sociology	13127	RU_SOC 7	G	Empowering Communities for the Future	(cross-leveled with RU_SOC 7342). Focuses on the professional practice and applications of community-based development including participatory action research, community economic development, organizational development, use of technology, citizen education and integration of practice. Graded on A-F basis only. Prerequisite: instructor's consent.
Rural Sociology	13145	RU_SOC 8	G	Social Processes of Information/Knowledge Utilization	(same as SOCIOL 8425). Factors conditioning communication and diffusion of ideas and practices; exercise of personal influence; role of change agents and agencies in the process of change.
School of Law	8390	LAW 5330	G	Advocacy, Family Violence and Public Policy	Interdisciplinary presentations examine both the state of family violence in America and the cross disciplinary issues in effective intervention, including legal procedures. The seminar is open to 2nd or 3rd year law students and other professional graduate students with permission of the faculty. (Not available to students on probation, except for students classified as 3L students).
School of Law	8352	LAW 5335	G	Agricultural Law	Economic and legal aspects of agricultural problems will be analyzed, along with the implications of alternative proposals. The agricultural issues to be covered include statutory restrictions on farmland ownership.
School of Law	8501	LAW 5337	G	American Legal History to 1876	This is a revision of Legal History. The course covers such topics as the impact of the English common law heritage; the development of law in the American colonies; slavery, race and gender in nineteenth century America. The course ends with the conclusion of the Civil War. The course will explore the effects of historical events on the development of law, but the course does not presume prior study of American history.

School of Law	8502	LAW 5338	G	American Legal History from 1876	Historical study of the development of American law since the Civil War. The course will cover such topics as the Civil War amendments to the Constitution; Reconstruction and its aftermath; legal change during the rise of industrialism; race and gender in late 19th century and 20th century America; law in the Progressive Era; the growth of civil liberties and civil rights in the Supreme Court; the law during war and the Depression; jurisprudential trends; and the Civil Rights Movement of the 1960s. The course will explore the effects of historical events on the development of law, but the course does not presume prior study of American history.
School of Law	8373	LAW 5415	G	Constitutional and Civil Rights Litigation	Advanced analysis of protection of civil liberties that derive from the United States Constitution and federal statutes. The statutes which will be covered most extensively include the Reconstruction Era laws now codified at 42 U.S.C. section 1981, 1983 and 1985, Rehabilitation Act of 1973, Titles IX of the Educational Amends. of 1972, and Titles II and VI of the Civil Rights Acts of 1964.
School of Law	8546	LAW 5485	G	Cross-Cultural Dispute Resolution	The course will focus on the impact culture can have on the private ordering of disputes. Culture affects communication, perceptions regarding conflict and methods for resolution. As the world becomes more interrelated and Missouri and the U.S. more diverse, lawyers need to be prepared to resolve problems across cultural lines. 20-25% of the grade will come from timely attendance and class participation.

School of Law	8533	LAW 5500	G	Digital Divide	<p>This course will focus primarily on racial educational choices: choices made on who will be educated, how they will be educated, who will be provided technology, and how education will be funded. The course will allow students to explore the reasons for these choices. We will explore the domestic racial, economic and gender issues of the digital divide. As time permits, students also will explore the international aspects of the digital divide as developing countries also face difficulty accessing technology and the internet. Further, as time permits, we will also explore how women and some people of color continue to face barriers to entry and barriers to success in high tech law. We will explore various creative solutions to resolving racial education inequalities and inequalities on the internet. A paper may be required at the end of the semester. There are no prerequisites and a technical background is not required. This course is interdisciplinary and students outside of the law school may enroll.</p>
School of Law	8351	LAW 5505	G	Disability Law	<p>This course provides an overview of disability law, including the Americans with Disabilities Act, the Rehabilitation Act of 1973, and the Individuals with Disabilities Education Act. Specific topics include disability discrimination in employment, housing, public services, public accommodations, and education (at all level). Many of the policy issues that arise in the area of disability law will also be explored. The course also provides an opportunity to work with a well-developed statutory and regulatory structure. The course is relevant to persons interested in general practice, family law, education law, employment law, civil rights, and other fields.</p>

School of Law	18938	LAW 5526	G	Education Reform Law	This class will explore the many legal and policy issues raised by efforts to reform American K-12 education. We will look at legislative proposals such as No Child Left Behind, Race to the Top, alternative teacher certification rules, penalties for failure to improve the performance of subgroups, authorization of charter schools and vouchers, expanded access to state-funded pre-K, fairer funding formulas, and expanding racial and economic integration through school attendance policies.
School of Law	8498	LAW 5530	G	Elder Law	This course address legal issues impacting older individuals, including discussion of government benefits (Social Security, Medicaid, Medicare, Supplemental Security Income), long-term care (types, contract issues, civil rights, and financial planning), guardianship and conservatorship, planning for incapacity, and health care decisions at the end of life. The course emphasizes planning techniques for the average client. Grade will be based on a short paper and take-home exam. The course may be taken for writing credit.
School of Law	8386	LAW 5540	G	Employment Discrimination	This course examines the laws which prohibit discriminatory practices in employment. Title VII is the primary focus, but coverage is also given to the Equal Pay Act, the Americans with Disabilities Act, and the Age Discrimination in Employment Act. Additionally, the course addresses the administrative process available for dealing with employment discrimination complains, the prima facie case requirement and burden shifting analysis fused in civil rights cases, and affirmative action requirements.

School of Law	8406	LAW 5580	G	Family Violence Clinic: Individual and Social Justice	Rule 13 certified law students represent needy abused women and children in 13 rural Missouri counties. Students obtain orders of protection in adult abuse courts, and students appear in protective custody cases in juvenile courts. Weekly debriefings may include interprofessional graduate students. Law students must complete LAW 5330 before or during their clinical experience.
School of Law	8514	LAW 5587	G	Foreign Affairs and the Constitution	This course will focus on the laws governing and related to the conduct of foreign relations by the United States including the respective powers of Congress, the president, the courts, and the states and the application of those powers overseas. The course also considers the relationship between constitutional and international law and the domestic legal system of the US.
School of Law	18942	LAW 5589	G	The Fourteenth Amendment	This course will build on Constitutional Law I by focusing on the constitutional revolution achieved by the Fourteenth Amendment. The course will begin by exploring the passage of the Amendment and its early interpretation, before turning to focus on the development of modern due process and equal protection law. Topics to be covered include incorporation, substantive due process and the right to privacy, race and gender equality, fundamental rights, and state action doctrine. Students will also be introduced to Section 5 questions regarding the scope of Congress' ability to enforce the Amendment.

School of Law	18939	LAW 5591	G	Food Law and Policy	This course examines the laws that govern food safety and food labeling, and considers how well this network works to protect American consumers. It also considers current issues affecting the global food system. Representative topics include recent food safety problems such as tainted meat and salmonella contamination of eggs; food labeling issues such as the use of the term "grass fed" in meat labeling and the use of GMO seed; organic standards; government efforts to address the obesity problem; urban food deserts; animal welfare concerns; the regulation of pet food, and the like. Specific topics addressed each semester will depend on current events and recent legal developments. Students will be graded on the basis of research paper and class participation. The course will often include a writing section designed to meet the upper-level writing requirement. The course may be offered from time to time as a paper-only course, designed to meet the upper-level writing requirement."
School of Law	8389	LAW 5595	G	Gender, Race, Sexuality and the Law	A study of the treatment of gender by the legal system. Topics will include a survey of writings by influential feminist legal scholars, historians and social scientists; a comparison of different theoretical frameworks; and an overview of substantive law and the latest legal developments involving gender. The primary aim of the course is to study various feminist theories to discern how gender is viewed by today's lawmakers and courts.
School of Law	8541	LAW 5655	G	International Dispute Resolution	This course begins with a preliminary discussion of the need for a dispute resolution process in the international setting. It examines the impact of cultural differences on dispute resolution processes and integrates theories of dispute resolution with actual practices in the international community.

School of Law	8409	LAW 5660	G	International Human Rights	<p>The purpose of this course is not enable students to develop a basic understanding of the concept of international human rights law and the role played by international and regional organizations, states and private actors in defining and enforcing human rights. Beginning with the historical origins of human rights, the course will examine the international regional human rights instruments and institutions that form the sources of human rights law (the UN system, including the Charter and treaties, European, African and Inter-American human rights regimes). It will also examine the role of non-governmental organization, the International Criminal Court and International humanitarian law (the law of war), and the interaction between US civil rights law and International human right. Throughout the course, students will be introduced to important critical themes of human rights, including: the distinctions between public and private acts, evolving theories of statehood, sovereignty immunity, cultural relativism, and the western tradition of individual rights, and the relationship between rights and duties. Issues examined will include: political participation and democratization, religious freedom, the use of torture, corporate liability, woman's rights, the right and status of refugees, genocide and war crimes.</p>
School of Law	8411	LAW 5665	G	International Law	<p>Introduction to the international legal system, with emphasis on relations between nation-states or international entities. Topics include statehood and recognition, legislative and judicial jurisdiction, human rights and the status of the individual, treaties and international organizations.</p>

School of Law	8525	LAW 5722	G	Law and Religion	This course utilizes works of literature as catalysts to facilitate a conversation about the intersections of faith and justice. The course examines a series of themes relating broadly to Western and Near Eastern religious and legal culture. These include: divine interventions, God as lawgiver, the early Christian church, the rise of the institutional church, the life of St. Thomas More, and law and Islam. The grade in this course will be based on two components - a final paper worth 70% of the grade, and class participation, worth 30% of the grade.
School of Law	17757	LAW 5726	G	Law and Society	Law is a common and yet distinct element of daily life in modern societies, and not only shapes society but is also shaped by society. The creation, interpretation, and enforcement of laws occur in the context of historical changes, societal norms, and the subjective concerns and whims of those charged with its creation. Utilizing an interdisciplinary perspective, the course will explore the nature of law as a set of social systems, central actors in the system, legal reasoning, and the relationship of the legal form and reasoning to social change. By the end of the course, students should be able to evaluate the law and legal institutions, especially in relation to equality, justice, and fairness, and understand how law is involved in the processes of social control, social conflict, and social change.

					<p>Forensic psychiatry and forensic psychology are burgeoning fields. The news media frequently reports sordid details of heinous crimes that the general public believe could only have been perpetrated by a madman and simultaneously, calls are made to bring these individuals to justice. Social sentiments, and thus public policy initiatives, are becoming increasingly conservative and restrictive in the management of individuals who have a mental disorders and have become entangled in the criminal justice system. This course will explore the impact and interaction of mental disability and the law with a special focus on issues related to the criminal context. Topics will include: mental disorders: comparison and contrasts between clinical and legal definitions; functional implications of mental disorders; legal and clinical issues in the process of criminal forensic evaluations; competence to stand trial; insanity and related defenses; disposition of insanity acquittees; clinical predictions of dangerousness and sexually dangerous persons; competence to be executed; involuntary hospitalization; involuntary treatment; right to treatment; right to refuse treatment; Americans with Disabilities Act; confidentiality; rights of criminally committed persons; sexual predator legislation; and therapeutic jurisprudence.</p>
School of Law	8545	LAW 5780	G	Mental Disability and the Law	<p>Severance and classification of mineral interests, mineral lease clauses, implied covenants, title and conveyancing problems, transfers by lessor or lessees, pooling and unitization, taxation, pollution and surface reclamation, surface and mineral owner relations.</p>
School of Law	8453	LAW 5790	G	Mining, Oil and Gas Law	

School of Law	18390	LAW 5808	G	Natural Resources Law	This course is a foundational survey course in the law and policy related to management of natural resources. Resources covered may include public lands, waters, submerged lands and wetlands, forests, minerals and energy, wildlife and biodiversity and ecosystems. Topics also may include organic statutes establishing certain resource management standards and procedures, generally applicable statutes governing agency behavior, judicial review of agency decisions, integrated management of multiple resources, the use of ecosystem management and conservation methods, and takings.
School of Law	17760	LAW 5847	G	Race-Based Remedies	Class will examine the law and policy issues raised by governmental use of race-conscious programs.
School of Law	8449	LAW 5860	G	Regulation of Hazardous Waste and Hazardous Substance	This course will cover RCRA, CERCLA and TSCA from a problem solving and writing intensive approach.
School of Law	8455	LAW 5865	G	Religious Liberty and Church-State Relations	A study of the protection of religious liberty and the structuring of church-state relations under the U.S. Constitution and selected federal statutes. Examination of how religious freedom developed and analysis of Supreme Court cases decided under the establishment, free exercise, and free speech clauses of the First Amendment.
School of Law	8327	LAW 5870	G	Remedies	Survey of damages, history of equity; coverage of various equitable remedies and their adequacy, practicability, defenses, procedural problems, enforcement of decrees, merger of law and equity, contempt.
School of Law	19977	LAW 5947	G	Workers' Compensation Law and Practice	This course will cover the law and practice of Workers' Compensation Law both in general and in Missouri. About two-thirds of the class time will be spent studying and discussing the doctrinal basis of workers' compensation. In the balance of the time students will work on a simulation in which they will have the opportunity to work through difference steps of a workers' compensation claim.

School of Law	8592	LAW 6860	G	Understanding Conflict	(same as LAW 6980). Study of the origins, nature, and functions of conflict, using perspectives from a variety of disciplines and from literature and religion. The course will include special attention to the idea of conflict as opportunity and will draw on contemplative practices, of the kind that have been developed in many religious traditions, to aid in understanding the relationship between inner and outer conflict. It will focus persistently on the connections between one's assumptions about conflict and one's attitudes and practices about dispute resolution and lawyering. Prerequisites: instructor's consent.
School of Law	8591	LAW 6960	G	Understanding Conflict	(same as LAW 6860). Study of the origins, nature, and functions of conflict, using perspectives from a variety of disciplines and from literature and religion. The course will include special attention to the idea of conflict as opportunity and will draw on contemplative practices, of the kind that have been developed in many religious traditions, to aid in understanding the relationship between inner and outer conflict. It will focus persistently on the connections between one's assumptions about conflict and one's attitudes and practices about dispute resolution and lawyering. Prerequisite: instructor's consent.
School of Music	19847	MUS_GEN	G	Community Engagement in the Arts	Introduction to community-based arts and their relationship to personal branding in the non-profit arts sector. Prerequisites: MUS_GENL 7510 or instructor's consent.
School of Music	19344	MUS_H_L	G	Historical Studies in African-American Music	Exploration of history and current scholarship in African-American music from the eighteenth to the twenty-first centuries. Genres include folk music, religious music, blues, ragtime, jazz, musical theater, art music, R&B, funk, soul, disco, house, hip-hop and rap. Prerequisites: instructor's consent.
School of Music	9972	MUS_H_L	G	Advanced Studies in American Music	(cross-leveled with MUS_H_LI 4341). Advanced systematic study of the diverse streams of musical practice in the United States from the colonial time to the present. Prerequisites: instructor's consent.

School of Music	19646	MUS_H_L	G	Historical Studies in African Music	Ethnomusicological introduction to the music and culture of countries and ethnic groups in Africa. Traditional and contemporary popular styles are explored, and influences of Islamic invasions, missionary arrivals, colonial conquests, neo-colonial trends, and globalization. Prerequisites: instructor's consent.
School of Natural Resources	10171	NAT_R 70	G	Topics in Natural Resources	Organized study of selected topics. Subjects may vary from semester to semester.
School of Natural Resources	21183	NAT_R 70	G	Foundations of Environmental Education	(cross-leveled with NAT_R 4024, ENV_SC 4024). This course provides a theoretical foundation to environmental education (EE). The purpose of this course is to develop the knowledge and skills for developing quality, age-appropriate EE for students in both formal and non-formal education setting. The emphasis is on EE curriculum materials, resources, and programs that can be used with students in settings at classrooms, nature centers, museums, and parks. This course involves training in the Missouri Department of Conservation Discover Nature School educational materials, and in observing and teaching EE lessons in a local nature center. Graded on A-F basis only.
School of Natural Resources	10155	NAT_R 73	G	Hydrologic and Water Quality Modeling	(same as ENV_SC 7320). Introduction to models for simulating hydrologic and water quality processes. Emphasis is placed on Missouri watersheds to provide experience with the use of simulation models for natural resource decision making. Prerequisites: NAT_R 1080 and NAT_R 1090 and SOIL 2100 or equivalent.
School of Natural Resources	10162	NAT_R 73	G	Landscape Ecology and GIS Analysis I	(same as GEOG 7810). Examination of the landscape-scale approach to biodiversity, ecosystem dynamics, and habitat management. Particular emphasis on the use of Geographic Information Systems to analyze the spatial dimension of ecological patterns and processes. Prerequisites: GEOG 3040, or instructor's consent.
School of Natural Resources	10172	NAT_R 80	G	Topics in Natural Resources	Organized study of selected topics. Subjects may vary from semester to semester.

School of Natural Resources	19740	NAT_R 80	G	Masters Non-Thesis Research in Natural Resources	Research credits associated with a non-thesis M.S. project. May be repeated for credit. Graded on S/U basis only. Prerequisites: restricted to Masters students in the School of Natural Resources.
School of Natural Resources	19737	NAT_R 80	G	Master Thesis Research in Natural Resources	Research credits leading to M.Sc. thesis. May be repeated for credit. Graded on S/U basis only. Prerequisites: Restricted to Masters students in the School of Natural Resources.
School of Natural Resources	19727	NAT_R 90	G	Topics in Natural Resources	Organized study of selected topics. Subjects and topics may vary from semester to semester. Graded on S/U basis only. Prerequisites: instructor's consent. Restricted to School of Natural Resources Graduate Students.
School of Natural Resources	19736	NAT_R 90	G	Graduate Seminar in Natural Resources	Graduate seminar in Natural Resources. May be repeated for credit. Graded on S/U basis only. Prerequisites: restricted to PhD students in the School of Natural Resources
School of Natural Resources	19738	NAT_R 90	G	Dissertation Research in Natural Resources	Research leading to a dissertation and Ph.D. in the School of Natural Resources. Graded on S/U basis only. Prerequisites: Restricted to PhD students in the School of Natural Resources.
School of Natural Resources	19739	NAT_R 94	G	Ecohydrology: Contemporary Topics	A series of discussions centered on primary literature within disciplines relevant to the participants. All Natural Resources disciplines are encouraged to participate (e.g., ecology, wildlife, fisheries, recreation/tourism, hydrology, atmospheric sciences, soils, etc.) with emphasis on interdisciplinary research (i.e. integrated natural, social and/or physical scientific research). May be repeated for credit. Graded on A-F basis only.
School of Social Work	13515	SOC_WK 1	G	Topics in Social Work	Special and emerging topics in social work and social welfare. Subject, content, and credit varies depending on available faculty and student interest. Prerequisites: departmental consent required.
School of Social Work	13513	SOC_WK 1	G	Problems in Social Work	Intensive study of an area of social welfare related to special interest of student. Prerequisites: departmental consent required.

School of Social Work	19552	SOC_WK	G	Advanced Social Work Practice in Integrated Healthcare	The course will introduce students to the essential practice skills needed to effectively address the challenges of integrating services, care, and support for persons with health, mental health, and substance use problems. Graded on A-F basis only.
School of Social Work	21064	SOC_WK	G	Integrative Behavioral Health Clinic	This is an elective course devoted to assessment, intervention and research with under-served individuals, couples, groups and families. This course is facilitated as a skills-training laboratory. Intervention methods will be applied to client's coping with major life stressors and relational problems. Students should leave this course with increased confidence in their ability to analyze patterns, assess, and intervene using diverse clinical methods. Graded on A-F basis only. Prerequisites: Masters of Social Work students only.
School of Social Work	13485	SOC_WK	G	Rural Human Services	A study of the effect of rural and small community environments on the planning and delivery of social and health services. Emphasis on policy and program analyses relevant to rural issues and concerns.
School of Social Work	13483	SOC_WK	G	Addiction Treatment and Prevention	Provides knowledge generic to social work and other disciplines involved in substance abuse treatment. Integrated approach to problems of substance abuse and development of self-awareness are emphasized. Didactic and experiential methods employed.
School of Social Work	18136	SOC_WK	G	Deaf Culture: A Social Work Perspective	An introduction to the deaf community as a linguistic and cultural minority. Examines the complexities of Deaf culture from a historical and contemporary perspective. Addresses cultural identity, communication, education, social services, civil rights, and advocacy. Graded on A-F basis only
School of Social Work	13466	SOC_WK	G	Delinquency, Corrections and Social Treatment	Focuses on problems and causative factors in developing and maintaining delinquent and criminal behavior and attitudes: addressing critical and comparative understanding of social change strategies employed in this field.

School of Social Work	13506	SOC_WK	G	Helping Strategies With Children and Adolescents	Theory and practice of work with children and adolescents. Focus on youth in transition, protective services and permanency planning, and special needs populations.
School of Social Work	13509	SOC_WK	G	Domestic Violence	(same as WGST 7400; Cross-leveled with SOC_WK 4400). This 3-hour course covers history of battered women's movement, violence theories, policy issues, prevention and intervention practice models for working with battered women, their children, and abusers.
School of Social Work	13534	SOC_WK	G	Community Organization for Social Welfare	The theory and practice of community organization as a social work problem solving method. Approaches emphasized include locality development, social planning and social action. Prerequisites: departmental consent required.
School of Social Work	13527	SOC_WK	G	Professional Perspectives on Child Welfare Services in the 21st Century	This course examines the development and current state of child welfare services in America with an emphasis on the role of the public child welfare agency in delivery of those services. It is an overview course which addresses the relationship between practice issues in service delivery and administrative policy issues which enable and constrain service delivery activities. The overarching concepts of child safety, family stability, permanency for the child, and well-being of the child as a long term outcome will be used to examine the five focal service delivery areas in child welfare; family support, preservation and reunification, child protection, foster placement, residential care, and adoptive services. This is a dual level BSW/MSW course and is an elective within either program's curricular structure. The differentiating objectives and assignments for the MSW members of the class are noted in the appropriate areas of the syllabus.

School of Social Work	13532	SOC_WK	G	Organizational Issues in Social Work Practices in Child Welfare	Intensive seminar in meso-level practice in the field of child welfare. Examines communication theory, team building, and interorganizational dynamics as they affect professional practice in child welfare. Prerequisites: departmental consent required.
School of Social Work	13502	SOC_WK	G	Helping Strategies with Older Persons	Focus on interdisciplinary methods of assessment and intervention strategies designed to optimize healthy functioning for older persons and their families. Prerequisites: departmental consent required.
School of Social Work	13459	SOC_WK	G	Social Policy and Service Delivery in Social Work	Covers historic and contemporary issues in social welfare policy. Focuses on relationships among social problems, public policies, private actions, poverty, racism, sexism and social work practice/values. Graded on A-F basis only. Prerequisites: restricted to graduate Social Work majors.
School of Social Work	13478	SOC_WK	G	Foundations of Human Behavior	Substantive sources from behavioral sciences used in social work toward understanding the biosocial processes and constraints of human development. Prerequisites: restricted to graduate Social Work majors.
School of Social Work	18793	SOC_WK	G	Psychosocial Function and Older Adults	(same as ARCHST 7650, F_C_MD 7751, H_D_FS 7751, NURSE 7751, P_HLTH 7751 and HMI 7751). This course takes an Interdisciplinary approach to understanding the psychosocial function of older adults and explores approaches to alleviate disabling conditions that interfere with psychosocial function and quality of life in old age. Graded on A-F basis only.
School of Social Work	18816	SOC_WK	G	Physical Function and Older Adults	(Same as F_C_MD 7750, ARCHST 7640, HMI 7750, H_D_FS 7750, NURSE 7750, and P_HLTH 7750. This course takes an interdisciplinary approach to understanding and improving the physical function and independence of older adults and explores approaches to alleviate disabling conditions that interfere with physical function and quality of life in old age. Graded A-F basis only.

School of Social Work	13564	SOC_WK 7971	G	Social Justice Seminar	Provides integrative learning experience in social work practice in foundation level social work practice focusing on social and economic justice experiences in field practicum. Prerequisites: restricted to graduate Social Work majors. Corequisites: SOC_WK 7971.
School of Social Work	13560	SOC_WK 7972	G	Practicum in Cultural Diversity I	A practicum conducted on a workshop with content focused on racial, cultural and gender dynamics in social work practice. Graded on a S/U basis only. Prerequisites: departmental consent required.
School of Social Work	13561	SOC_WK 7973	G	Practicum in Cultural Diversity II	Continuation of SOC_WK 7790. A practicum conducted as a workshop with content focused on racial, cultural and gender dynamics in social work practice. Graded on a S/U basis only. Prerequisites: departmental consent required.
School of Social Work	13533	SOC_WK 7974	G	DSM V and Psychopathology: A Social Work Perspective	Examines psychopathology of human behavior within social work context, prevailing diagnostic models (Diagnostic and Statistical Manual of Mental Disorders V), and historically oppressive categorizations. Prerequisites: Graduate standing in Social Work.
School of Social Work	13511	SOC_WK 7710	G	Graduate Field Practicum I	Supervised social work practice in a school-approved agency providing a full range of interventive experiences. Graded on S/U basis only. Prerequisites; admission to MSW program; SOC_WK 7710, SOC_WK 7720, SOC_WK 7730, SOC_WK 7740, SOC_WK 7760. Departmental Consent Required.
School of Social Work	13511	SOC_WK 7711	G	Graduate Field Practicum I	Supervised social work practice in a school-approved agency providing a full range of interventive experiences. Graded on S/U basis only. Prerequisites: admission to MSW program; SOC_WK 7710, SOC_WK 7720, SOC_WK 7730, SOC_WK 7740, SOC_WK 7760. Departmental Consent Required.
School of Social Work	13565	SOC_WK 7770	G	Child Abuse and Neglect Assessment and Intervention	In-depth exploration of identification of and interventions with abused/neglected children and their families. Examines roles for social work with both victims and perpetrators. Examines how environmental factors affect successful intervention. Prerequisites: SOC_WK 7770; instructor's consent for non MSW students.

School of Social Work	13566	SOC_WK 8	G	Social Work in Schools	The course focuses on the etiology and development of child and adolescent educational, social, emotional, and behavioral health disorders encountered, identified and treated in school settings. Educational disabilities and related policies and the interdisciplinary nature of school settings will be highlighted. Graded on A-F basis only.
School of Social Work	13568	SOC_WK 8	G	Narrative Approaches to Social Work Practice	This class will enable students to gain knowledge of theory and basic practice skills grounded in narrative therapy. The use of narratives with vulnerable and oppressed populations and creative strategies to evoke narratives are highlighted in this course. Graded on A-F basis only. Prerequisites: SOC_WK 7770; departmental consent required.
School of Social Work	13569	SOC_WK 8	G	Resiliency and Solution-Focused Practice	Focuses on brief therapy approaches to dealing with clinical problems in a time-efficient, clinically effective method. Various approaches to solution-oriented work based in resiliency theory are presented. Stresses client empowerment across the lifespan. Prerequisites: Social Work [SOC_WK] 7770; graduate level Social Work Majors only. Graded on A/F basis only.
School of Social Work	13570	SOC_WK 8	G	Trauma Practice and Crisis Intervention	Focuses on clinical techniques for social work with trauma survivors. Addressing effects of disasters, personal violence and war are included. Resiliency in survivors is presented as basis for interventions. Prerequisites: SOC_WK 7770; graduate level Social Work majors only.
School of Social Work	13556	SOC_WK 8	G	Master's Research in Social Work	Independently conducted research that includes concept development, data collection, statistical analysis and social policy implications prepared in a format suitable for publication. Graded on S/U basis only. Prerequisites: departmental consent required.
School of Social Work	13522	SOC_WK 8	G	Family and Child Welfare Policies and Programs	Graduate seminar on policies and programs relevant to social work practice in the family and child welfare field, including policies on aging. Prerequisites: departmental consent required.

School of Social Work	18138	SOC_WK 8	G	Disability Rights Advocacy	Highlights historical views of disabilities in relationship to contemporary policies, programs and services. This cross-disability focus examines the shift in focus from cure, care, and treatment to participation, capabilities, adapting environments, and building community. Graded on A-F basis only.
School of Social Work	19551	SOC_WK 8	G	Integrated Health Policy and Services	The course focuses on the role of social workers as social policy practitioners within an Integrated Behavioral Health environment. Strategies to influence policies and promote change in the interest of service consumer, agency, and society will be presented. Graded on A-F basis only.
School of Social Work	19611	SOC_WK 8	G	Social Policy for Older Adults	Course highlights social policies that impact older adults, and teaches policy analysis skills. By utilizing a comparative model, students will broaden their knowledge and understanding of aging, policy, and the world. Graded on A-F basis only.
School of Social Work	19611	SOC_WK 8	G	Social Policy for Older Adults	Examines local, state, and federal social policies related to older adults highlighting challenges related to diverse and special needs. Students will explore and appraise needs, values, ageism, and human rights related to social policies for older adults.
School of Social Work	18323	SOC_WK 8	G	Equity and Disparities in Health	(same as P_HLTH 8250). This course is designed to provide students with knowledge about the distribution, causes, and consequences of health inequalities. The course will examine how multiple predictors such as socioeconomic status, behavioral risk factors, and cultural factors such as perceived discrimination and acculturation, gender and marriage, stigma, and health care inequalities are related with racial/ethnic, socioeconomic, and gender disparities in health. This course will also discuss implications that may contribute substantively toward the elimination of health inequalities. Graded on AF basis only. Prerequisites: SOC_WK 7710, SOC_WK 7720, SOC_WK 7730, SOC_WK 7740 and SOC_WK 7760; Instructor's consent required.

School of Social Work	13514	SOC_WK 8	G	Advanced Social Policy for Planning and Administration	Focus on integration of cognitive and skill components of policy development, analysis and change with special emphasis on utility by social work administrators and planners. Prerequisites: SOC_WK 7920; departmental consent required.
School of Social Work	13530	SOC_WK 8	G	Evaluative Research in Clinical Social Work Practice	Develop ability to systematically evaluate effectiveness of interventive strategies designed to produce positive change in clients' environment and/or cognitive, affective and behavioral functioning. Prerequisites: SOC_WK 7952. Restricted to graduate Social Work majors.
School of Social Work	13531	SOC_WK 8	G	Evaluative Research in Social Work Planning and Administration	Develop ability to design and implement appropriate evaluative research methods and strategies employed in social and human service program planning and management. Prerequisites: SOC_WK 7952. Restricted to graduate Social Work majors.
School of Social Work	13531	SOC_WK 8	G	Evaluative Research in Social Work	Develop ability to design and implement appropriate evaluative research methods and strategies employed in social and human service delivery. Prerequisites: SOC_WK 7952. Restricted to graduate Social Work majors.
School of Social Work	13559	SOC_WK 8	G	Graduate Field Practicum II	Field instruction tailored to concentration interests, developing depth in clinical skills in direct service or in planning and administration. Graded on S/U basis only. Prerequisites: Restricted to graduate Social Work majors. Completion of all required graduate coursework except SOC_WK 8970. Corequisites: SOC_WK 8970.
School of Social Work	18220	SOC_WK 8	G	Topics in Advanced Social Welfare	Topics in Advanced Social Welfare. Prerequisites: Instructor's consent required.
School of Social Work	13557	SOC_WK 9	G	Research in Social Work	Research in Social Work. Graded on S/U basis only.
School of Social Work	13544	SOC_WK 9	G	Knowledge Building I	Advanced systemic review of theories requisite for study and implementation of practice and policy centered research in social welfare and development; emphasis placed on critical analysis of theories needed for research and study of integrated social development. Prerequisites: departmental consent required.

School of Social Work	13545	SOC_WK 9100	G	Knowledge Building IIA	Building on the foundation laid in SOC_WK 9100, in depth examination of human development and social environment theories appropriate to scientific examination of social welfare practice with individuals, families, formed and natural groups. Prerequisites: departmental consent required.
School of Social Work	13548	SOC_WK 9100	G	Macro Social Theory	(Same as NURSE 9400). Building on the foundation laid in SOC_WK 9100, in depth examination of human development and social environment theories appropriate to scientific examination of social welfare practice with formal organizations, interorganizational combinations, communities and larger political entities. Prerequisites: departmental consent required.
School of Social Work	20470	SOC_WK 9100	G	Pedagogical Methods in Social Work and Applied Professional Programs	An in depth examination of the pedagogical issues, policies, and principles associated with teaching social work in higher education. Topics include the history and philosophy of social work education, instructional models and methods, assessing educational outcomes, and instructional improvement methods. Issues specific to social work include the need to differentiate teaching methods relative to direct practice, human services administration, community organization, policy practice, and program evaluation. Particular focus will be directed toward online education and its role in the 21st century. Graded on S/U basis only.
School of Social Work	13551	SOC_WK 9100	G	Social Welfare Policy Seminar	(Same as NURSE 9700). Critical examination of comparative models of social policy development; preparation of a professional social work policy analysis in the student's area of interest/specialization that is suitable for submission to an appropriate referred journal. Prerequisites: departmental consent required.
School of Social Work	13553	SOC_WK 9100	G	Research Application I	Research practicum for Social Work doctoral students. Prerequisites: departmental consent required.

School of Social Work	13558	SOC_WK 9	G	Doctoral Dissertation Research in Social Work	Independently conducted research that includes concept development, data collection, statistical analysis and social policy implications prepared in a format suitable for publication. Graded on S/U basis only. Prerequisites: departmental consent required.
Sociology	13744	SOCIOL 71	G	Feminist Research and Criticism	(same as WGST 7110). Examination of both feminist critiques of traditional social research and recent, feminist-oriented research that attempts to answer these criticisms.
Sociology	13684	SOCIOL 72	G	Social Inequalities	Examination of theories and research concerned with inequalities based on social class, gender, and race-ethnicity. M.A. core course for sociology students.
Sociology	13704	SOCIOL 72	G	Sociology of Aging	Sociological research and theories of aging and old age; historical, demographic, comparative, social psychological and structural topics are studied in depth. Prerequisites: 6 hours of Sociology.
Sociology	13720	SOCIOL 72	G	Race and Ethnic Relations	The experience of racial and ethnic minorities; inequality, assimilation, ethnic and racial conflict, accommodation. Prerequisites: SOCIOL 1000 or equivalent.
Sociology	13755	SOCIOL 72	G	Women, Development and Globalization	(same as WGST 7230 and BL_STU 7230; cross-leveled with WGST 4230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities."
Sociology	20009	SOCIOL 72	G	Social Perspectives on Gender and Emotion	(same as WGST 7235, BL_STU 7235; cross-leveled with WGST 4235, SOCIOL 4235, BL_STU 4235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only.
Sociology	13768	SOCIOL 72	G	Seminar in Comparative Social Institutions	Analysis of selected social institutions such as agriculture, family, economy, education, health care, law, polity, religion. Inter-institutional and international comparisons. Prerequisites: SOCIOL 4700 or instructor's consent.

Sociology	13707	SOCIOL 73	G	Death and Dying	Death and dying explored from demographic, sociological and social psychological perspectives. Topics: trends and differentials; definitions of death; dying as a social process; funerals and survivors; cultural solutions to problems of death. Prerequisites: instructor's consent.
Sociology	13725	SOCIOL 73	G	Advanced Social Psychology	(cross-leveled with SOCIOL 4310). Major theoretical fields and their application to human problems. Prerequisites: SOCIOL 3310.
Sociology	13679	SOCIOL 73	G	Social Demography	(same as RU_SOC 7315). General demographic theories; age, sex, and ethnic composition of population; fertility, mortality and migration as components of population change; social, economic and political implications of demographic trends. Prerequisites: SOCIOL 1000 or RU_SOC 1000.
Sociology	13728	SOCIOL 73	G	Culture, Identity and Interaction	Examines the interplay between culture, identity, and interaction as these intersect with issues of social inequality, social control, social change, and the everyday production of subjectives. Prerequisites: SOCIOL 3310.
Sociology	13811	SOCIOL 73	G	Self, Language, and Social Life	Examines the interplay between self, language, and social life. Particular attention is paid to how the everyday construction of inner lives relates to diverse social worlds. The effects of situational and institutional conditions as they shape identity and social interactions are important considerations.
Sociology	13770	SOCIOL 73	G	Seminar in Sociology of Work	Recent developments in the sociological study of occupations and professions. Surveys alternative theoretical perspectives and methodological approaches. Deals with rationalization, professionalization, alienation, class consciousness, self management.
Sociology	13709	SOCIOL 74	G	Medical Sociology	Covers on the social organization of medical systems, health and illness, the patient experience and healthcare workers in the United States.

Sociology	13736	SOCIOL 74	G	Sociology of Education	(same as ED_LPA 7458; cross-leveled with SOCIOL 4410). Contexts, structures and processes of schooling; effects on class, race, ethnicity and gender; social change, educational policy, and organizational dynamics; higher education and the economy.
Sociology	13723	SOCIOL 74	G	Community Social Structure	(same as RU_SOC 7446). A comparative study of communities in different nations and in urban and rural areas. A primary focus of the course will be on social change in communities, in response to changing economic, political, social, cultural, and ecological factors.
Sociology	13771	SOCIOL 74	G	Seminar in Sociology of Organizations	Recent developments in the sociological analysis of complex organizations, including corporations, public bureaucracies, educational organizations, religious organizations, etc. Surveys alternative theoretical perspectives and methodological approaches.
Sociology	13686	SOCIOL 75	G	Sociology of Social Policy	Sociological theories and methodologies focused on social policy; policy as process; contextual and critical policy analyses; assessing policy effects and consequences.
Sociology	13740	SOCIOL 75	G	Political Sociology	(same as PEA_ST 7520). Social bases of power and politics, economic and political elites, the political economy of the advanced societies, sources of political conflict and change.
Sociology	13751	SOCIOL 75	G	Social Organization of the Industrial Societies	The organizational and interorganizational structure of modern capitalist and socialist societies, including examination of alternative models such as technocracy, bureaucratic society, state capitalism, state socialism, organized capitalism. Prerequisites: SOCIOL 3700 or SOCIOL 3710.
Sociology	18043	SOCIOL 75	G	Gender and Human Rights in Cross Cultural Perspective	(same as PEA_ST 7550 and WGST 7550). Focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of human rights, western and non-western perspectives, feminist contributions, important substantive debates, violations, policymaking and activism.

Sociology	13772	SOCIOL 75	G	Seminar in Culture and Mass Media	Sociological examination of culture and mass media, including institutional character, production and distribution, audience effects, relation of social structures. Current research, theories, methods.
Sociology	13700	SOCIOL 76	G	Society and Social Control	The concept of social control is analyzed from both micro and macro theoretical perspectives. Focus is on patterns of social domination. Prerequisites: SOCIOL 3700 or SOCIOL 3710.
Sociology	13712	SOCIOL 77	G	Social Organization	Survey of approaches to the analysis of social organization emphasizing complex organizations, division of labor, social inequality, politics and the state, social change. MA core course. Prerequisites: SOCIOL 3700 or SOCIOL 3710 or instructor's consent.
Sociology	13781	SOCIOL 80	G	Critical Race Theory	Critical examination of key sociological theories of race, racialization, and racism in contemporary society.
Sociology	18237	SOCIOL 82	G	Media and Power in Comparative Perspective Seminar	This course traces the historical development of U.S. and selected international media systems. We analyze and debate the relationship of differing media systems to political power, popular culture, and the facilitation or inhibition of democratic practices. Students do comparative analyses of international media institutions and related analyzes of media content. Prerequisites: undergraduate seniors may enroll with instructor's consent.
Sociology	18632	SOCIOL 82	G	Race, Ethnicity, and Transnational Inequalities	(same as BL_STU 8277). This graduate seminar examines the global contest of our radicalized modern world system. How do people develop and give meaning to race/ethnicity in different regions? Focus on the construction of bodies Creole identities, gender, sexualities, citizenships and immigration. Graded on A-F basis only.

Sociology	17732	SOCIOL 84	G	Graduate Seminar in Medicine, Technology, and Globalization	In the last two hundred years medicine and technology have transformed our day-to-day living as never before. They have permeated our social and personal imagination, our epistemological bearing, disciplinary practices, and not to forget national and global agendas. A key aspect of such transformations, which we are going to investigate in this course, has been the intertwining of medicine and technology in a variety of ways, resulting in wide ranging impact - from the emergence of medical gaze, transformation of healthcare practices, to present day transnationalization and globalization of medical practices. This course would utilize recent theoretical developments to interrogate different interrelated facets of medicine, technology, and globalization. Graded on A-F basis only.
Sociology	13782	SOCIOL 86	G	Seminar in Criminology and Deviant Behavior	Survey of empirical research and sociological theory in criminology and deviant behavior. May be repeated once with instructor's consent. Prerequisites: SOCIOL 3600.
Sociology	13791	SOCIOL 91	G	Seminar in Sociological Theory I	Traces development of sociological theory from the generation of 1890" through the 1940s, including the work of Durkheim, Weber, Parsons and others. Prerequisites: SOCIOL 8100 or equivalent."
Sociology	18929	SOCIOL 93	G	Graduate Seminar in Environmental Discourses	This seminar explores human cultural interactions with nature: how we understand ourselves in relation to space, how we interact with and learn about nature, and how we use nature. Readings will include exemplary texts from sociology, geography and anthropology, science studies and cultural studies. Graduate Standing required.
Sociology	13805	SOCIOL 93	G	Seminar in Social Gerontology	Analysis of selected topics in the sociological study of age; critical issues; research literature and methodologies; development of theory. Prerequisites: SOCIOL 4210 or instructor's consent.

Sociology	13792	SOCIOL 94	G	Seminar in Sociological Theory II	Theoretical developments in sociology in Europe and United States since 1950. Recent formulations, controversies. Prerequisites: SOCIOL 8100 or equivalent.
Sociology	13767	SOCIOL 95	G	Seminar in State and Economy	Analysis of public policy and economic change in contemporary political-economic systems; growth of welfare state, capitalist planning, state socialist economics.
Sociology	18518	SOCIOL 95	G	Culture, Difference, and Inequality	This course is an examination of exemplary, interdisciplinary texts employing a variety of cultural approaches to understanding difference and inequality. In this seminar, we will think about what is gained from various cultural approaches to difference and inequality, how such approaches can be achieved methodologically, and how students can apply such approaches to their own research. The main focus of the course is on cultural studies and poststructural feminist studies, but readings will also be included from intersectionality studies, affect studies, critical race studies and cultural sociology. Prerequisites: restricted to Sociology graduate students or instructor permission.
Sociology	18695	SOCIOL 97	G	Graduate Seminar in Body and Society	The course is organized around three major themes - body as a site of personal and political experience; the social body, emphasizing the relationship between society, culture, and individuals; and the body as a site and instrument of politics. Readings assigned for the course are aimed at critical engagement with the body: within and across these themes. Graded on A-F basis only."
Sociology	13804	SOCIOL 98	G	Seminar in Sociology of Gender	Analysis of recent research in which gender is a major focus. This research is chosen to exemplify a variety of theoretical perspectives, research strategies, and substantive topics.

Soil Science	13824	SOIL 7305	G	Environmental Soil Physics	(same as ENV_SC 7305). Study of soil physical properties and processes important in solving environmental problems. Topics include soil solids, water content and energy, and transport of water, solutes, gas and heat. Prerequisites: SOIL 2100, PHYSCS 1210 or equivalent.
Soil Science	13826	SOIL 7306	G	Environmental Soil Physics Laboratory	(same as ENV_SC 7306). Introduction to the methodology and equipment for measurement of soil physical properties and processes. Prerequisites or Corequisites: SOIL 4305.
Soil Science	540	SOIL 7308	G	Soil Conservation	Conservation of soil with respect to topsoil, soil productivity, and fertility. Prerequisites: SOIL 2100. Recommended: AG_S_M 4420.
Soil Science	546	SOIL 7312	G	Environmental Soil Microbiology	(same as ENV_SC 7312). Microbiology/ecology of life in the soil ecosystem. Emphasis is placed on the role of microbes in nutrient cycling, microbial pesticide/xenobiotic transformations bioremediation, etc. Prerequisites: general microbiology, SOIL 2100, or instructor's consent.
Soil Science	13828	SOIL 7316	G	Soil Microbial Ecology Methods	The application of modern and traditional techniques in soil microbiology to environmental and ecological concerns. Prerequisites or Corequisites: SOIL 7312.
Soil Science	564	SOIL 7320	G	Genesis of Soil Landscape	The co-evolution of soil landscapes. The role of water in the accumulation of parent materials and development of soil horizons. Factors and processes of soil genesis. Distribution of soil in their natural settings. Prerequisites: introductory soil science or introductory geology or permission of instructor.
Soil Science	13834	SOIL 7360	G	Precision Agriculture Science and Technology	(same as AG_S_M 7360 and PLNT_S 7360; cross-leveled with SOIL 4360, AG_S_M 4360, PLNT_S 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: SOIL 2100, PLNT_S 2110 or instructor's consent.

Soil Science	561	SOIL 9418	G	Advanced Environmental Soil Chemistry	(same as ENV_SC 9418). Linking molecular-scale solution-phase and surface reactions with macroscopic chemical processes. Fundamentals of aqueous surface and colloid chemistry will be discussed. Prerequisites: SOIL 7318 or GEOL 7300, and CHEM 3300.
South Asian Studies	13426	S_A_ST 72	G	Religious Texts and Interpretation: The Veda	(same as REL_ST 8200). This course examines the Veda, the foundational scripture of Hinduism. It includes close study of Vedic texts and rituals and the influence, interpretation, and application of the Veda in the later Hinduism.
South Asian Studies	13399	S_A_ST 77	G	Religious Narratives of South Asia	(same as REL_ST 7700). Study of major narratives of India and their interpretation in literature and art. Topics include: Vedic and Epic mythology, stories of Krishna, myths and images of Shiva, and forms of the Goddess.
South Asian Studies	18539	S_A_ST 77	G	Cultures and Society in South Asia	(same as ANTHRO 7790). Survey of the cultures, social organizations, and lived experience of people from across the Indian subcontinent. Major topics include cast, kinship, gender, religion, village life, urbanization, public culture, popular culture, social change, and the South Asian diaspora.
Special Education	14107	SPC_ED 73	G	Assessment and Evaluation in Special Education	Procedures and instruments used in the assessment of individual with disabilities, including standardized and non-standardized measures of intellectual ability, academic achievement, oral language, social/emotional behaviors, career/vocational needs. Prerequisites: SPC_ED 4300.
Special Education	14076	SPC_ED 73	G	Collaboration and Consultation in Special Education	Study of communication, problem-solving, collaboration strategies. Application of strategies to work with exceptional students, their families, other professional members of interdisciplinary, interagency teams. Prerequisites: SPC_ED 4300.
Special Education	14151	SPC_ED 83	G	Foundations I: History, Law and Policy in Special Education	The changing concept of disability will be viewed from the perspectives of history, legal issues, and policy traced from early Greek and European periods through contemporary times. Prerequisites: instructor's consent.

Special Education	14153	SPC_ED 8380	G	Nature and Needs of Gifted and Talented Students	A conceptual and empirical examination for educational personnel of student identification procedures, special populations, programming issues, research topics and teacher competencies. Prerequisites: instructor's consent.
Special Education	14155	SPC_ED 8380	G	Planning and Administering Gifted Education Programs	Principles of program development for gifted and talented students. Topics include student identification, procedures, conducting needs assessments, teacher competencies, resource utilization, alternative administrative models, parent and community participation, program supervision and evaluation. Prerequisites: SPC_ED 8380 or instructor's consent.
Special Education	14156	SPC_ED 8380	G	Affective Development of Gifted Students	Psychosocial development of gifted students; theories, and practices in affective development; strategies to develop positive self-concept, successful coping strategies, and effective peer relationships by gifted students. Prerequisites: SPC_ED 8380 or instructor's consent.
Special Education	14147	SPC_ED 8380	G	Programmatic Approaches to Educ. of Child. with Behav. Disorders	Course provides an in-depth study of the major theoretical perspectives and treatment programs for behavior disordered students. Prerequisites: admission to graduate study and instructor's consent.
Special Education	14163	SPC_ED 8380	G	Advanced Studies in Behavioral Disorders	Contemporary issues a historical perspective; theoretical perspectives or models which guide research, policy, and intervention approaches. Prerequisites: admission to graduate study and instructor's consent.
Special Education	14167	SPC_ED 8380	G	Introduction and Methods of Early Childhood Special Education	This course will enhance individual knowledge and skills necessary to design, implement, and evaluate research-based strategies and practices in community or public school integrated programs for preschools with disabilities, consistent with the philosophical and legal requirements of IDEA Part B Section 619.
Special Education	14169	SPC_ED 8380	G	Advanced Studies in Early Childhood Special Education	Origins, theoretical perspectives, issues, scope and efficacy of the field of early childhood special education. Prerequisites: instructor's consent.

Special Education	14136	SPC_ED 85	G	Practicum in Special Education	Provides graduate practicum experience relevant to the education of exceptional students. Prerequisites: SPC_ED 4300 and instructor's consent.
Special Education	14171	SPC_ED 95	G	Internship: Special Education Research	Individually guided research internship with doctoral advisor and/or faculty mentor(s). Opportunity to develop research competencies either on individual or collaborative projects. May be taken more than once. Graded on S/U basis only. Prerequisites: instructor's consent.
Textile and Apparel Mgmt	2654	T_A_M 95	G	Cloth and the Human Experience	Examines the social context of dress and other intimate manifestations of daily life using culture as the level of analysis.
Theatre	14664	THEATR 7	G	Theory and Practice of Theatre of the Oppressed	(same as PEA_ST 7240). Theory and practice of Augusto Boal's liberatory interactive theatre process, including application of techniques of specific social issues. Prerequisites: instructor's consent.
Women's and Gender Studies	15301	WGST 711	G	Feminist Research and Criticism	(same as SOCIO 7110). Examination of both feminist critique of traditional social research and recent, feminist-oriented research that attempts to answer these criticisms.
Women's and Gender Studies	18040	WGST 712	G	Women, Art and Society	(same as AR_H_A 7120). Analysis of the careers and works of women artists, and images of women (by female and male artists), in selected eras. Prerequisites: instructor's consent.
Women's and Gender Studies	15311	WGST 723	G	Women, Development, and Globalization	(same as SOCIO 7230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities."
Women's and Gender Studies	20008	WGST 723	G	Social Perspectives on Gender and Emotion	(same as BL_STU 7235, SOCIO 7235; cross-leveled with SOCIO 4235, BL_STU 4235, WGST 4235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only.

Women's and Gender Studies	18340	WGST 731	G	Adoption, Child Welfare and the Family, 1850-present	(same as HIST 7310; cross-leveled with WGST 4310, HIST 4310). This interdisciplinary U.S. history course will address topics such as: changing legal and social meanings of adoption since 1850; historical connections between adoption and poverty, family, gender, race, sexuality, class, fertility, identity; and more recent issues such as transnational adoption.
Women's and Gender Studies	18239	WGST 737	G	Anthropology of Gender	(same as ANTHRO 7370) The Anthropology of Gender Introduces the student to the variation in the relationships between males and females; and between men, women, and other genders from around the world. The different approaches to understanding and modeling gender are discussed, as are specific case-studies from many different cultures.
Women's and Gender Studies	15317	WGST 740	G	Contemporary Issues in Domestic Violence	(same as SOC_WK 7400; Cross-leveled with WGST 4400). This 3-hour course covers history of battered women's movement, violence theories, policy issues, prevention and intervention practice models for working with battered women, their children, and abusers. Graded on A-F basis only.
Women's and Gender Studies	15308	WGST 742	G	Studies in Gender, Culture, and Politics	Examines ethical issues, social policies and politics, and cultural practices affecting women in specific national and global contexts.
Women's and Gender Studies	18041	WGST 755	G	Gender and Human Rights in Cross Cultural Perspective	(same as SOCIOL 7550 and PEA_ST 7550). Focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of human rights, western and nonwestern perspectives, feminist contributions, important substantive debates, violations, policymaking and activism.
Women's and Gender Studies	15275	WGST 760	G	Studies in Women and Health	A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations.

Women's and Gender Studies	19352	WGST 764	G	Studies in Gender and Performance	Examines the relationships among gender, race, class, and/or sexuality, and performance. Course materials may include theatre performance, visual art, literary texts, theoretical essays, films, and popular culture. May be repeated for credit.
Women's and Gender Studies	15295	WGST 766	G	European Women in the 20th Century	(same as HIST 7660). Examines the history of European women from World War I to the present. The course focuses on wars, migration, and the changing nature of family, work and community.
Women's and Gender Studies	15304	WGST 775	G	Women, Religion and Culture	(same as REL_ST 7750). An advanced study of the role of women in religion, focusing on the methods of determining the significance of gender in religious life, sacred texts, symbols, rituals and/or beliefs. Traditions studied include Christianity, Islam, contemporary pagan communities, and Native American traditions.
Women's and Gender Studies	15315	WGST 778	G	Women's Folklore and Feminist Theory	(same as ENGLSH 7780). Examines folklore and artistic expression of women in relations to feminist theory and in multicultural contexts. Includes verbal genres (narrative/song) as well as material genres (quilting/arts).
Women's and Gender Studies	19272	WGST 787	G	Women's and Gender Studies Abroad - Behavioral Science	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.
Women's and Gender Studies	19271	WGST 787	G	Women's and Gender Studies Abroad-Social Science	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.
Women's and Gender Studies	19270	WGST 787	G	Women's and Gender Studies Abroad - Humanities	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.

Women's and Gender Studies	15320	WGST 800	G	Topics in Women's and Gender Studies-General	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable.
Women's and Gender Studies	15321	WGST 800	G	Topics in Women's and Gender Studies-Behavioral	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable.
Women's and Gender Studies	15322	WGST 800	G	Topics in Women's and Gender Studies-Social Science	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable.
Women's and Gender Studies	15323	WGST 800	G	Topics in Women's and Gender Studies-Humanities	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable.
Women's and Gender Studies	18682	WGST 802	G	Graduate Feminist Theory	This course will explore the texts and contexts of feminist theories including women of color socialist/Marxist feminism, queer theory, postmodern feminism, and feminist postcolonial theory.
Women's and Gender Studies	15324	WGST 804	G	Seminar: Problems and Issues in Feminist Scholarship	This course is a broad based exploration of a range of current feminist scholarship, both multidisciplinary and interdisciplinary. Issues of identity and difference, community and change are explored through the complicating lenses of race and sexuality.
Women's and Gender Studies	19765	WGST 840	G	Readings in Feminist and Gender Studies	Graduate-level exploration of concentrated readings that address gender, sexuality, and/or feminist theory within a specific disciplinary area. May be repeated for credit
Women's and Gender Studies	18036	WGST 841	G	Africana Theory and Literature Criticism: Black Feminist/Womanist Thought	Modern and contemporary Africana Diaspora criticism and theory including the diverse approaches to literary and cultural studies.
Women's and Gender Studies	17966	WGST 862	G	Work and Family Seminar	(same as H_D_FS 8620). Interaction of family life and income-producing work with attention to how these interconnections vary by social class, gender, race/ethnicity, and age.

Women's and Gender Studies	18050	WGST 863	G	Gendered Relations in Families	(same as H_D_FS 8630). From a feminist perspective, the roles of gender in shaping family life experience and of family life experience in shaping gender will be explored. Graded on A-F basis only. Prerequisites: instructor's consent.
Women's and Gender Studies	15319	WGST 896	G	Problems in Women's and Gender Studies	Directed individual study on selected topics for qualified graduate students. Plan of study subject to approval by supervising faculty. Prerequisites: departmental consent.
Women's and Gender Studies	16339	WGST 900	G	Topics in Women's and Gender Studies	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. May be repeated for credit. Prerequisites: instructor's consent.
Women's and Gender Studies	16340	WGST 944	G	Race, Gender, Ethnicity in Higher Education	(same as ED_LPA 9440). Historical relationships of race, gender, and ethnic issues in United States higher education. Issues include: theory and research of curriculum and teaching, diversity within the academy, and leadership, governance, and policy.
Agricultural and Applied Econ	127	AG_EC 21	UG	Quantitative Applications in Agricultural Economics	Familiarize students with the use of calculus and other quantitative tools in developing and analyzing fundamental economic concepts. Prerequisites: AG_EC 1041 or ECONOM 1014 and MATH 1400.
Agricultural and Applied Econ	140	AG_EC 22	UG	Agricultural Sales	Principles of salesmanship in agricultural input and output markets; buyer motivations; time and territory management; communication models and techniques; planning and executing sales calls; after-sale service. Prerequisites: AG_EC 1041 or ECONOM 1014.
Agricultural and Applied Econ	140	AG_EC 22	UG	Agricultural Sales	Principles of salesmanship in agricultural input and output markets; buyer motivations; time and territory management; communication models and techniques; planning and executing sales calls; after-sale service. Prerequisites: AG_EC 1041 or AG_EC 1042 or ECONOM 1014 or ECONOM 1015 and sophomore standing.
Agricultural and Applied Econ	131	AG_EC 32	UG	Problems in Agricultural Economics	Supervised study in a specialized phase of agricultural economics. Graded on S/U basis only. Prerequisites: instructor's consent.

Agricultural and Applied Econ	18171	AG_EC 42	UG	Understanding the Agricultural Policy Process	The goal of this course is to prepare students for a career in agricultural policy and will build the skill set needed in the agricultural policy environment. Prerequisites: AG_EC 3230.
Agricultural and Applied Econ	148	AG_EC 42	UG	Agricultural Prices	(cross-leveled with AG_EC 7251). Variations in prices of agricultural products; underlying factors. Prerequisites: AG_EC 2123 and AG_EC 2225 or STAT 2500.
Agricultural and Applied Econ	18172	AG_EC 42	UG	Agricultural Risk Management	(cross-leveled with AG_EC 7295). This class will examine the range of risks business face and explore ways of characterizing and evaluating those risks. Prerequisites: AG_EC 2183 and AG_EC 2225 or STAT 2500.
Agricultural and Applied Econ	19667	AG_EC 43	UG	Topics in Agricultural Economics	Current and new topics not currently offered in applied and/or theoretical areas in Agricultural Economics. Prerequisites: honors eligibility required.
Agricultural Ed and Leadership	298	AG_ED_LI	UG	Verbal Communication in Agriculture, Food and Natural Resources	Application of verbal communication skills used in the dissemination of information related to agriculture, food, and natural resource topics. Acquisition of interpersonal communication skills and small group, impromptu and professional presentation skills. Prerequisites: Restricted to College of Agriculture, Food and Natural Resources students only during Early Registration.
Agricultural Ed and Leadership	292	AG_ED_LI	UG	Team and Organizational Leadership	Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The course focuses on helping students better understand themselves and others, improving group communications; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.
Agricultural Ed and Leadership	259	AG_ED_LI	UG	Problems in Agricultural Education and Leadership	Supervised and independent study of problems and issues in Agricultural Education and Leadership at the undergraduate level. Prerequisites: instructor's consent.
Agricultural Ed and Leadership	295	AG_ED_LI	UG	Topics in Agricultural Education and Leadership	Courses on specialized topics offered on a trial basis until the course has been assigned a course number.

Agricultural Ed and Leadership	307	AG_ED_LD	UG	Internship Seminar in Agricultural Education and Leadership	Seminar focused on the problems of practice and developing skills needed for a career in teaching agriculture at the secondary level. The core of the seminar is on coordinating experiential learning and leadership development activities, managing the complete program, and professional development. Corequisites: AG_ED_LD 4995.
Agricultural Ed and Leadership	21137	AG_ED_LD	UG	Leading Organizational and Community Change	(cross-leveled with AG_ED_LD 7240). This course provides the diagnostic and strategic foundations for students to enact leadership in organizational and community contexts. Designed for undergraduate students and graduate-level professionals alike, this course increases a student's capacity to lead with or without authority, and with or without a formal organizational or political position. The course is based heavily on Heifetz's Adaptive Leadership theory, which challenges individuals to think beyond individual, role-based leadership skills and behaviors when enacting change in systems, such as organizations and communities. Recommended: AG_ED_LD 2250 and AG_ED_LD 2260.
Agricultural Ed and Leadership	299	AG_ED_LD	UG	Intracurricular Program Management in Agricultural Education	This course explores the philosophical foundations and current structures of secondary Agricultural Education Programs. Students will learn how to plan, supervise, and evaluate the intracurricular components within Agricultural Education programs. Prerequisites: junior standing.
Agricultural Ed and Leadership	304	AG_ED_LD	UG	Field Experience I	A field-based experience that examines the integration of Supervised Agricultural Experience and Career Development Events into the secondary agriculture curriculum. Investigates the use of advisory committees and graduate follow-up data in curriculum planning. Graded on S/U basis only. Corequisites: AG_ED_LD 4320.

Agricultural Ed and Leadership	272	AG_ED_LE	UG	Internship in Agricultural Education and Leadership	Field-based learning experience that combines study, observation, and employment with an agricultural business, industry or government agency in the area of education, training, and development. Individual internship plans are developed by a student, faculty supervisor, and an industry cooperator. Prerequisites: departmental consent.
Agricultural Ed and Leadership	309	AG_ED_LE	UG	Student Teaching Internship in Agriculture	A field-based learning experience that combines observation and practice in a secondary/adult agriculture program. The purpose of the internship is to provide an opportunity to apply teaching and learning concepts in a practical context. Prerequisites: departmental consent.
Agricultural Systems Managemnt	343	AG_S_M 1	UG	Physical Principles for Agricultural Applications	Introductory survey course to help students: formulate problems; understand units/accuracy; learn basic definitions; understand simple machines, power transmission, fluid statics, electricity, heat-flow, and temperature/moisture relationships. Prerequisites: MATH 1100.
Agricultural Systems Managemnt	339	AG_S_M 1	UG	Agricultural/Industrial Materials and Processes	Structure and properties of manufacturing materials; conditioning and machining materials; assembling processes; finishing processes; automation of manufacturing systems.
Agricultural Systems Managemnt	345	AG_S_M 2	UG	Agricultural/Industrial Structures	A building science course looking at construction materials, structural component selection, ventilation, moisture control and energy use. Math reasoning proficiency course. Prerequisites: MATH 1100. Recommended: AG_S_M 1040.
Agricultural Systems Managemnt	354	AG_S_M 2	UG	Pesticide Application Equipment	Principles of pesticide application; sprayer hydraulics and spray atomization; calibration, mixing calculations and compatibility of tank mixes; personal and environmental protection; pesticide labels and regulations. Students earn their private applicators license. Prerequisites: MATH 1100. Recommended: AS_S_M 1040.

Agricultural Systems Managemnt	381	AG_S_M 4	UG	Agricultural Safety and Health	(cross-leveled with AG_S_M 7020). Analysis, organization and implementation of agriculture safety). and health programs. Physical and economic impact of accidents, standards and liabilities. Role of man in the man-machine system. Prerequisites: junior or senior standing or instructor's consent.
Agricultural Systems Managemnt	361	AG_S_M 4	UG	Advanced Agricultural/Industrial Materials and Processes	(cross-leveled with AG_S_M 7120). Primarily for students majoring in agricultural education. Applies shop principles to the design and construction of projects. Prerequisites: instructor's consent.
Agricultural Systems Managemnt	363	AG_S_M 4	UG	Electricity: Wiring and Equipment	(cross-leveled with AG_S_M 7140). Home and agricultural electricity; emphasis on proper selection and use of electrical wiring materials and equipment. Basic electrical theory. Prerequisites: MATH 1100.
Agricultural Systems Managemnt	18566	AG_S_M 4	UG	Biorenewable Systems Technology	Converting biorenewable resources into bioenergy and biobased products. Biorenewable concepts as they relate to drivers of change, feedstock production, processes, products, co-products, economics, transportation and logistics, and marketing. Prerequisites: MATH 1100, CHEM 1100 and AG_EC 1041.
Agricultural Systems Managemnt	366	AG_S_M 4	UG	Agricultural Equipment and Machinery	(cross-leveled with AG_S_M 7320). Operation of agricultural machinery. Selection and management of equipment. Prerequisites: AG_S_M 1040.
Agricultural Systems Managemnt	460	AG_S_M 4	UG	Precision Agriculture Science and Technology	(same as PLNT_S 4360, SOIL 4360; cross-leveled with AG_S_M 7360, PLNT_S 7360, SOIL 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: PLNT_S 2100 or SOIL 2100, or PLNT_S 2110.
Agricultural Systems Managemnt	355	AG_S_M 4	UG	Surface Water Management	(corss-leveled with AG_S_M 7420). Topics include hydrology; soil erosion precautions; elementary surveying; selection and layout of ponds, terraces and water control structures. Prerequisites: MATH 1100.

Agricultural Systems Managemnt	355	AG_S_M 4	UG	Surface Water Management	(corss-leveled with AG_S_M 7420). Topics include hydrology; soil erosion precautions; elementary surveying; selection and layout of ponds, terraces and water control structures. Prerequisites: MATH 1100 or higher.
Agricultural Systems Managemnt	359	AG_S_M 4	UG	Water Quality and Pollution Control	Applies scientific principles to a variety of water quality problems arising from activities associated with nonpoint pollution, agricultural chemicals, land disposal of wastes, on-site sewage disposal and individual drinking water systems. Prerequisites: MATH 1100 and junior standing.
Agricultural Systems Managemnt	359	AG_S_M 4	UG	Water Quality and Pollution Control	(cross-leveled with AG_S_M 7440). Applies scientific principles to a variety of water quality problems arising from activities associated with nonpoint pollution, agricultural chemicals, land disposal of wastes, on-site sewage disposal and individual drinking water systems. Prerequisites: MATH 1100. Recommended: AG_S_M 1040.
Agricultural Systems Managemnt	20526	AG_S_M 4	UG	Agricultural Systems Management - Capstone - Writing Intensive	Capstone course required of Agricultural Systems Management majors. Team project involving extensive use of the students education, oral presentations and comprehensive written reports are required. Class experiences include but may not be limited to system selection and comparison, replacement and operating cost calculations, life cycle costing, and business feasibility analysis. Prerequisites: Senior Standing.
Ancient Mediterranean Studies	2432	CL_HUM 2	UG	Greek Culture	Survey of Greek life and thought. Principal developments in literature, the arts, politics, religion and philosophy, and their influence on Western civilization.
Ancient Mediterranean Studies	2433	CL_HUM 2	UG	Greek Culture - Honors	Survey of Greek life and thought. Principal developments in literature, the arts, politics, religion and philosophy, and their influence on Western civilization. Prerequisites: Honors eligibility required.

Ancient Mediterranean Studies	2434	CL_HUM 2	UG	Roman Culture	Survey of Roman life and thought. Principal developments in literature, the arts, politics, religion, philosophy, and private life, and their influence on Western Civilization.
Ancient Mediterranean Studies	2438	CL_HUM 3	UG	Foreigners and Dangerous Women in Greek and Latin Literature	(same as PEA_ST 3130). The study of how Greek and Roman writers depicted and reacted to other races and cultures, compared them with their own, and thereby revealed their own values and prejudices. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2439	CL_HUM 3	UG	Foreigners and Dangerous Women in Greek and Latin Literature - Honors	(same as PEA_ST 3130). The study of how Greek and Roman writers depicted and reacted to other races and cultures, compared them with their own, and thereby revealed their own values and prejudices. Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	20586	CL_HUM 3	UG	Foreigners and Dangerous Women in Greek and Latin Literature - Writing Intensive	(same as PEA_ST 3130). The study of how Greek and Roman writers depicted and reacted to other races and cultures, compared them with their own, and thereby revealed their own values and prejudices. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	20013	CL_HUM 3	UG	Ancient Western Philosophy	(same as PHIL 3000). Philosophical thought on nature, knowledge, the gods, human life and society, from Thales to Augustine. Emphasis on Plato and Aristotle. The relevance of the ancients to contemporary life. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2446	CL_HUM 3	UG	The Age of Augustus	Study of the literature of the Age of Augustus; Vergil, Ovid, Horace, Livy, and Propertius. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2447	CL_HUM 3	UG	The Age of Augustus - Honors	Study of the literature of the Age of Augustus; Vergil, Ovid, Horace, Livy, and Propertius. Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060.

Ancient Mediterranean Studies	17866	CL_HUM 3	UG	War and Democracy in Late 5th c. BCE Athens	(same as PEA_ST 3550). Explores the discourse on war and peace in Athenian texts and art that survives from the last quarter of the 5th century B.C.E. This was a period of relentless warfare: the Athenians were fighting the Spartans, Sparta's allies, unaligned cities and several of their own subject states. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2471	CL_HUM 3	UG	Classics in a Cross-Cultural Context	The goal of this course is to place classical literature in a multicultural context by studying Greek and Latin literary texts alongside verbal art from non-European as well as European cultures. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2472	CL_HUM 3	UG	Classics in a Cross-Cultural Context - Honors	The goal of this course is to place classical literature in a multicultural context by studying Greek and Latin literary texts alongside verbal art from non-European as well as European cultures. Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	19460	CL_HUM 3	UG	The Ancient World on Film	(same as AR_H_A 3775 and FILM_S 3775). This course explores how classical antiquity has been represented in twentieth and twenty-first-century film, with particular emphasis on the ways in which ancient narratives and iconography have been appropriated by filmmakers to address contemporary cultural issues. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	20590	CL_HUM 3	UG	The Ancient World on Film - Writing Intensive	(same as AR_H_A 3775 and FILM_S 3775). This course explores how classical antiquity has been represented in twentieth and twenty-first-century film, with particular emphasis on the ways in which ancient narratives and iconography have been appropriated by filmmakers to address contemporary cultural issues. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	19019	CL_HUM 3	UG	Sports and Spectacles in Greco-Roman Antiquity	Investigates athletic display in ancient Greek and Roman culture, from its earliest representations in Greek literature to the massive spectacles of the Roman empire, with an emphasis on the intersections between sport and spectacle and other areas of ancient cultural life. Recommended: CL_HUM 1060.

Ancient Mediterranean Studies	19189	CL_HUM 4	UG	Greece: From the Bronze Age to the Byzantine Empire	Study abroad in Greece, in conjunction with the MU International Center. Immersion in the physical and intellectual heritage of ancient Greece; emphasis on cross-disciplinary, on-site learning and the intersections among ancient, Byzantine, and modern Greece. Application required. Graded on A/F basis only. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	19508	CL_HUM 4	UG	Greece: From the Bronze Age to the Byzantine Empire - Honors	Study abroad in Greece, in conjunction with the MU International Center. Immersion in the physical and intellectual heritage of ancient Greece; emphasis on cross-disciplinary, on-site learning and the intersections among ancient, Byzantine, and modern Greece. Participants chosen by instructor. Graded on A/F basis only. Application required. Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060.
Ancient Mediterranean Studies	2473	CL_HUM 4	UG	Greek and Roman Religion	(same as REL_ST 4500). Survey of religious development among the Greeks and Romans. Recommended: CL_HUM 1060 and junior standing.
Ancient Mediterranean Studies	2474	CL_HUM 4	UG	Greek and Roman Religion - Honors	(same as REL_ST 4500). Survey of religious development among the Greeks and Romans. Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060 and junior standing.
Ancient Mediterranean Studies	2496	CL_HUM 4	UG	Oral Tradition	(same as ENGLSH 4770). Study of verbal art from living oral traditions (e.g. Native American and African American) and important literary works with roots in oral tradition (e.g. the Bible, the Iliad and Odyssey, and Beowulf). Recommended: CL_HUM 1060 and junior standing.
Ancient Mediterranean Studies	2497	CL_HUM 4	UG	Oral Tradition - Honors	(same as ENGLSH 4770). Study of verbal art from living oral traditions (e.g. Native American and African American) and important literary works with roots in oral tradition (e.g. the Bible, the Iliad and Odyssey, and Beowulf). Prerequisites: Honors eligibility required. Recommended: CL_HUM 1060 and junior standing.

Ancient Mediterranean Studies	20169	CL_HUM 4	UG	Political Thought in Classical and Christian Antiquity	(same as POL_SC 4800). Reading and discussion of Greek, Roman, and Early Christian treatises on politics and political life. Survey of the political institutions and procedures of the Greek city states and Roman Republic and Empire. Examination of contemporary Christian responses and adaptations. Recommended: CL_HUM 1060 and junior standing.
Ancient Mediterranean Studies	2502	CLASS 499	UG	Honors Proseminar in Classical Studies	Limited to Honors undergraduates. To be taken in senior year. Integrated exploration of classical civilization. May repeat to 6 hours maximum. Prerequisites: onors eligibility required. Recommended: Senior standing.
Animal Science	711	AN_SCI 32	UG	Genetics of Agricultural Plants and Animals	(same as PLNT_S 3213). Concepts of molecular, transmission, and population and quantitative genetics. Special emphasis given to breeding and biotechnological applications in plant and animal agriculture. Prerequisites: MATH 1100 and one of the following: BIO_SC 1100 (or F_W 1100) or BIO_SC 1200 or BIO_SC 1500.
Animal Science	708	AN_SCI 32	UG	Principles of Meat Science	(same as F_S 3214). Study of the principles involved in the conversion of living animals to meat and by-products; efficient utilization of meat as a food. Recommended: one course in Biology.
Animal Science	713	AN_SCI 32	UG	Principles of Dairy Foods Science	(same as F_S 3231). Technology, chemistry and microbiology related to milk and its transformation into fluid milk products, fermented dairy foods and spreads. (2 hours of lecture and two hours of laboratory per week.) Recommended: One course in Chemistry or Biological Sciences.
Animal Science	738	AN_SCI 43	UG	Ruminant Nutrition	(cross-leveled with AN_SCI 7332). Physiology, chemistry, microbiology and pathology of ruminants. Emphasizes the digestion, absorption, metabolism and utilization of nutrients. Prerequisites: AN_SCI 3212.

Animal Science	745	AN_SCI 43	UG	Physiology and Biochemistry of Muscle as Food	(same as F_S 4354; cross-leveled with AN_SCI 7354). Basic concepts in muscle growth and development of livestock evaluating the effects of environment, welfare, nutrition and genetics regarding muscle metabolism, physiology, and the ultimate condition of muscle as food. Prerequisites: BIO_SC 1010 or equivalent or AN_SCI 3214 or instructor's consent.
Anthropology	788	ANTHRO 1	UG	General Anthropology	General survey course in fields of anthropological concern: archaeology, cultural anthropology, physical anthropology, linguistics; emphasizes underlying concepts, principles. Examples from peoples of the world.
Anthropology	789	ANTHRO 1	UG	General Anthropology - Honors	General survey course in fields of anthropological concern: archaeology, cultural anthropology, physical anthropology, linguistics; emphasizes underlying concepts, principles. Examples from peoples of the world. Prerequisites: Honors eligibility required.
Anthropology	801	ANTHRO 1	UG	Topics in Anthropology - General	Problems, topics, issues, or review of research in any areas of anthropology and/or experimental development of new content areas at a freshman level. Specific content will vary and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	802	ANTHRO 1	UG	Topics in Anthropology - Biological/Physical/Mathematics	Problems, topics, issues, or review of research in any areas of anthropology and/or experimental development of new content areas at a freshman level. Specific content will vary and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	803	ANTHRO 1	UG	Topics in Anthropology - Behavioral	Problems, topics, issues, or review of research in any areas of anthropology and/or experimental development of new content areas at a freshman level. Specific content will vary and will be announced in advance. May be repeated to a maximum of 9 hours.

Anthropology	798	ANTHRO 1	UG	Multiculturalism: An Introduction	Examines contemporary multiculturalism (and its origins) globally; introduces key concepts; uses diverse, extended cross-cultural and American examples; and emphasizes complexity of cultures, practicality of issues, and change.
Anthropology	795	ANTHRO 1	UG	Deviance: A Cross-Cultural Perspective	Cross-cultural studies of problem behavior with emphasis on violence, suicide, sexual misconduct, drug use and mental disorder.
Anthropology	796	ANTHRO 1	UG	Monkeys, Apes and Humans	For those with little or no background in anthropology. Surveys the ecology and behavior of major nonhuman primate groups, and how these relate to the evolution of human behavior.
Anthropology	827	ANTHRO 2	UG	Cultural Anthropology	Analysis of human cultures with emphasis on both constant and variable factors at different levels of social complexity; contact between cultures, and cultural influences on individual behavior.
Anthropology	821	ANTHRO 2	UG	Introduction to Biological Anthropology with Laboratory	A survey of biological anthropology. Primary emphasis on the biological evidence for human evolution. Major topics include human paleontology, primate behavior and human variation. Three hours lecture and two hours lab. No credit for both ANTHRO 2050 and ANTHRO 2051. Math Reasoning Proficiency Course. Prerequisites: MATH 1100 or MATH 1160.
Anthropology	819	ANTHRO 2	UG	Introduction to Biological Anthropology	A survey of biological anthropology. Primary emphasis on the biological evidence for human evolution. Major topics include human paleontology, primate behavior and human variation. No credit for both ANTHRO 2050 and ANTHRO 2051.
Anthropology	823	ANTHRO 2	UG	Biological Anthropology Laboratory	Laboratory exercises dealing with human genetics, non-human primates, the human fossil record, and human variation. Credit not given for students who have taken ANTHRO 2050. Math Reasoning Proficiency Course. Prerequisites: ANTHRO 2051 (or equivalent) and MATH 1100.
Anthropology	814	ANTHRO 2	UG	Indigenous Religions	(same as REL_ST 2100). Explores the central aspects of religious life in indigenous communities. Focusing on specific native communities, it considers individual and group identity and the meaning of the sacred.

Anthropology	815	ANTHRO 2	UG	Indigenous Religions - Honors	(same as REL_ST 2100H). Explores the central aspects of religious life in indigenous communities. Focusing on specific native communities, it considers individual and group identity and the meaning of the sacred. Prerequisites: Honors eligibility required.
Anthropology	851	ANTHRO 2	UG	World Archaeology	Major events in cultural evolution such as control of fire, invention of ceramic and metallurgical technologies, colonization of Australia and the Americas, development of agriculture, and emergence of complex sociopolitical organization are described in all regions of the world.
Anthropology	863	ANTHRO 2	UG	Forensic Anthropology	This course will introduce students to how biological anthropologists apply expertise in human osteology, skeletal variation and plasticity, skeletal pathology, body decomposition, and archaeological recovery of evidence to medicolegal investigations.
Anthropology	20301	ANTHRO 2	UG	Human Evolution through Film and Literature	This course will use recent films and novels as starting points to introduce students to concepts in human biology, history and evolution. Topics will range broadly from genetics and mutation to primatology to paleoanthropology and the human fossil record.
Anthropology	861	ANTHRO 2	UG	Evolution of Human Sexuality	Biological and cultural aspects of human reproduction are examined from the perspective of evolutionary and ecological theory. Recommended: Sophomore standing.
Anthropology	880	ANTHRO 3	UG	Topics in Anthropology - General	Problems, topics, issues, or review of research in any area of anthropology and/or experimental development of new content areas. May be repeated to a maximum of 9 hours.
Anthropology	844	ANTHRO 3	UG	Topics in Anthropology- Biological/Physical/Mathematics	Problems, topics, issues or review of research in any area of anthropology and/or experimental development of new content areas. May be repeated to a maximum of 9 hours.
Anthropology	845	ANTHRO 3	UG	Topics in Anthropology - Behavioral Science	Problems, topics, issues or review of research in any area of anthropology and/or experimental development of new content areas. May be repeated to a maximum of 9 hours.

Anthropology	846	ANTHRO 3	UG	Topics in Anthropology - Social Science	Problems, topics, issues or review of research in any area of anthropology and/or experimental development of new content areas. May be repeated to a maximum of 9 hours.
Anthropology	847	ANTHRO 3	UG	Topics in Anthropology - Humanities	Problems, topics, issues or review of research in any area of anthropology and/or experimental development of new content areas. May be repeated to a maximum of 9 hours.
Anthropology	20066	ANTHRO 3	UG	Human Nature	We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with the capacity?). Graded on A-F basis only."

Anthropology	20066	ANTHRO 3	UG	The Evolution of Human Nature	<p>(same as ANTHRO 3340H, ANTHRO 3340HW, GN_HON 3241H). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with the capacity?). Graded on A-F basis only."</p>
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Anthropology	20172	ANTHRO 3	UG	Human Nature - Honors	<p>(same as GN_HON 3241H). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with this capacity?). Graded on A-F basis only. Prerequisites: Honors eligibility required."</p>
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Anthropology	20172	ANTHRO 3	UG	The Evolution of Human Nature - Honors	<p>(same as GN_HON 3241H, ANTHRO 3340, ANTHRO 3340HW). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with this capacity?). Graded on A-F basis only. Prerequisites: Honors eligibility required."</p>
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Anthropology	20506	ANTHRO 3	UG	Human Nature - Honors/Writing Intensive	<p>We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with the capacity?). Graded on A-F basis only. Prerequisites: Honors Eligibility Required."</p>
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Anthropology	20506	ANTHRO 3	UG	The Evolution of Human Nature - Honors/Writing Intensive	(same as ANTHRO 3340, ANTHRO 3340H GN_HON 3241H). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with the capacity?). Graded on A-F basis only. Prerequisites: Honors Eligibility Required."
Anthropology	857	ANTHRO 3	UG	Native American Religions	(same as REL_ST 3380). Investigation of religious lives of the native peoples of the Americas through cultural contact with modernity. Perspectives based on historical, anthropological and native texts.
Anthropology	858	ANTHRO 3	UG	Native American Religions - Honors	(same as REL_ST 3380H). Investigation of religious lives of the native peoples of the Americas through cultural contact with modernity. Perspectives based on historical, anthropological and native texts. Prerequisites: Honors eligibility required.
Anthropology	873	ANTHRO 3	UG	Culture as Communication	(same as COMMUN 3470, LINGST 3470). Study of the influence of culture on communication processes. Examines topics such as the impact of values, languages, and nonverbal behavior on intercultural interaction. Prerequisites: sophomore standing.

Anthropology	19957	ANTHRO 3	UG	Indian Cinema	(same as AR_H_A 3790, S_A_ST 3490 and FILM_S 3490). Indian Cinema provides an overview of the key genres and themes of Indian film, including Bollywood, art cinema/parallel cinema, Indian regional cinemas, and diasporan cinema. The course combines film studies, anthropological, historical, and visual culture analyses to provide a holistic view of Indian culture and society through cinema. Recommended: Sophomore standing or higher.
Anthropology	862	ANTHRO 3	UG	Plagues and Peoples	Overview of the ecology of human host-pathogen interactions and the influence of human culture on the transmission and spread of infectious diseases through time and in different environments. Recommended: sophomore standing.
Anthropology	20537	ANTHRO 3	UG	Plagues and Peoples - Writing Intensive	Overview of the ecology of human host-pathogen interactions and the influence of human culture on the transmission and spread of infectious diseases through time and in different environments. Recommended: sophomore standing.
Anthropology	956	ANTHRO 3	UG	Peoples of Canada	This course provides an anthropological approach to the culture and peoples of Canada. The course will include in depth studies of several First Nations People, Quebec, various recent immigrant populations, and the modern popular culture of Canada.
Anthropology	859	ANTHRO 3	UG	Aztec, Maya, and Inca Civilization	Origin of native Americans and development of American civilizations emphasizing Aztecs, Mayas, and Incas; rise of these civilizations known from archaeology, early European and early native American accounts, and the condition of the descendants today. Recommended: sophomore standing.
Anthropology	850	ANTHRO 3	UG	Plants and People in Native America	Explores the present and past interactions between people and the plant world, covering use of plants as foods, medicines, and in rituals, and reviewing the origin of major food plants. Recommended: sophomore standing.

Anthropology	870	ANTHRO 3	UG	Cultures of Europe	Examines ethnic, linguistic, and folk cultural backgrounds of contemporary Europe and the articulation of local sociocultural units with national society and culture. Recommended: sophomore standing.
Anthropology	936	ANTHRO 4	UG	Topics in Anthropology-General	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	992	ANTHRO 4	UG	Topics in Anthropology - Biological/Physical/Mathematics	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	993	ANTHRO 4	UG	Topics in Anthropology - Behavioral Science	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	994	ANTHRO 4	UG	Topics in Anthropology - Social Science	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	995	ANTHRO 4	UG	Topics in Anthropology - Humanities	Problems, topics, issues, or review of research; experimental development of new content areas. Specific content varies depending on needs of faculty or students and will be announced in advance. May be repeated to a maximum of 9 hours.
Anthropology	924	ANTHRO 4	UG	Environment and Archaeology	(cross-leveled with ANTHRO 7200). Study of Quaternary environments and cultural systems. Focuses on North American records emphasizing climate and biologic components of regional ecosystems; regional environmental reconstruction. Recommended: ANTHRO 2020 or ANTHRO 2021.

Anthropology	906	ANTHRO 4	UG	Comparative Social Organization	(cross-leveled with ANTHRO 7300). Cross-cultural comparison, analysis of social structures. Role of kinship, age, sex, locality, economics, religion and other factors in determining relationships between individuals and groups cross-culturally. Prerequisites: ANTHRO 2030.
Anthropology	957	ANTHRO 4	UG	Cultural Evolution and Change	(cross-leveled with ANTHRO 7340). Alternative hypotheses about the relationship between culture and evolution are evaluated in light of ethnographic evidence. Prerequisites: ANTHRO 2030 or instructor's consent.
Anthropology	901	ANTHRO 4	UG	Psychological Anthropology	(cross-leveled with ANTHRO 4350). Examines cross-cultural approaches to the study of perception, cognition, and personality; methods for gathering and validating data; examples from non-Western societies.
Anthropology	894	ANTHRO 4	UG	Medical Anthropology	(cross-leveled with ANTHRO 7360), Cross-cultural study of belief systems concerning health and illness, practices of diagnosis and treatment, and roles of patients and practitioners. Several non-Western health care systems are studied in detail. Recommended: junior or senior standing.
Anthropology	18176	ANTHRO 4	UG	Anthropology of Gender	(same as WGST 4370; cross-leveled with ANTHRO 7370 and WGST 7370). The Anthropology of Gender introduces the student to the variation in the relationships between male and females; and between men, women, and other genders from around the world. The different approaches to understanding and modeling gender are discussed, as are specific case-studies from many different cultures.
Anthropology	1001	ANTHRO 4	UG	Anthropological Theories of Religion	(same as REL_ST 4380; cross-leveled with ANTHRO 7380 and REL_ST 7380). Course provides a critical evaluation of anthropological explanations of various forms of traditional religious behavior such as magic, shamanism, divination, ritual, mythology, and witchcraft. The anthropological explanations examined range from nineteenth century classics to the current approaches of today.

Anthropology	929	ANTHRO 4	UG	Language and Culture	(same as LINGST 4400; cross-leveled with ANTHRO 7400 and LINGST 7400). Interrelations between language, thought, culture, and society; role of language in cognition; methods and concepts of linguistics in cultural analysis. Recommended: ANTHRO 2040 or LINGST 2040.
Anthropology	887	ANTHRO 4	UG	Gender, Language, and Communication	(same as COMMUN 4412 and LINGST 4412; cross-leveled with COMMUN 7412 and LINGST 7412). Relationship among gender, language, nonverbal communication, and culture. Prerequisites: junior standing or departmental consent.
Anthropology	883	ANTHRO 4	UG	Historical Linguistics	(same as LINGST 4420; cross-leveled with ANTHRO 7420 and LINGST 7420). Methods of tracing the history of languages by glottochronology, and by comparative and internal reconstructions; cultural and linguistic implications of such reconstructions and of areal linguistics. Recommended: junior or senior standing.
Anthropology	965	ANTHRO 4	UG	Human Biological Variation	(cross-leveled with ANTHRO 7540). Human biological variation both among and within living populations. Evolutionary, genetic, ecological, demographic and especially cultural factors which contribute to biological variation. Prerequisites: ANTHRO 2050 or ANTHRO 2051 or BIO_SC 1010.
Anthropology	889	ANTHRO 4	UG	Evolutionary Medicine	(cross-leveled with ANTHRO 7580). Principles of modern evolutionary theory are applied to medical problems. Topics include: function of symptoms (fever, nausea, etc.); strategies of pathogens; senescence; cancer; phylogenetic constraints; mental disorders. Ideas will be actively discussed in class. Recommended: lower level course in Biology or Biological Anthropology, junior or senior standing.
Anthropology	947	ANTHRO 4	UG	Celtic and Iron Age Archaeology	(cross-leveled with ANTHRO 7740). Analysis of the pre- and protohistoric sociocultural systems of the Celts and other iron-using tribal cultures of western Eurasia from the inception of an iron based technology until the full historic period. Includes the symbolic material of these cultures. Recommended: junior or senior standing.

Anthropology	18453	ANTHRO 4	UG	Culture and Society in South Asia	(same as S_A_ST 4790; cross-leveled with ANTHRO 7790 and S_A_ST 7790). Survey of the cultures, social organizations, and lived experience of people from across the Indian subcontinent. Major topics include cast, kinship, gender, religion, village life, urbanization, public culture, popular culture, social change, and the South Asian diaspora. Recommended: junior standing.
Anthropology	892	ANTHRO 4	UG	Demographic Anthropology	(cross-leveled with ANTHRO 7880). The major topics considered in this course are basic demographic analysis, including life tables, models for population growth and stable population theory; fertility analysis; disease and fertility; disease in human populations; and paleodemography. Math Reasoning Proficiency Course. Prerequisites: MATH 1100. Recommended: junior or senior standing.
Anthropology	875	ANTHRO 4	UG	Internship in Anthropology	(cross-leveled with ANTHRO 7940). Students will work for a semester in a community-based organization (NGO, nonprofit, for profit, or governmental). They will conduct a research study in coordination with that agency. Upon completion of the research study, students will prepare a final report to be given to the agency and turned in for course credit. The course coordinator will help students identify and make contact with interested organization and oversee their progress during the internship. Graded on S/U basis only. Enrollment is limited to Anthropology Majors with Junior Standing or higher with a 3.5 GPA in Anthropology. Prerequisites: coordinator's consent.
Anthropology	987	ANTHRO 4	UG	Undergraduate Research in Anthropology	Advanced research approved by and under the direction of a departmental faculty member. Enrollment limited to Juniors and Seniors. Prerequisites: instructor's consent.
Anthropology	938	ANTHRO 4	UG	Undergraduate Readings in Anthropology	Directed readings in ethnology, linguistics, archaeology, or physical anthropology not leading to thesis. Prerequisites: instructor's consent.

Anthropology	879	ANTHRO 4	UG	Capstone Seminar in Anthropology	Readings, discussions, and problems in the integration of the subfields of anthropology through theory and examples. Prerequisites: Anthropology major and senior standing, or instructor's consent.
Architectural Studies	20551	ARCHST 1	UG	Fundamentals of Environmental Design - Writing Intensive	Survey of the architectural environment emphasizing design fundamentals such as use, aesthetics, stability of structures and human relationships with places and time. Prerequisites: ENGLSH 1000.
Architectural Studies	1039	ARCHST 3	UG	Environmental Analysis	Discover through analytical methods of primary organizational factors which operate in a building and reveal the preoccupations of designer. Analytical approach investigates design principles by means of dissection. Prerequisites: ARCHST 2811.
Architectural Studies	20552	ARCHST 3	UG	Environmental Analysis - Writing Intensive	Discover through analytical methods of primary organizational factors which operate in a building and reveal the preoccupations of designer. Analytical approach investigates design principles by means of dissection. Prerequisites: ARCHST 2811.
Architectural Studies	5038	ARCHST 4	UG	Materials, Methods and Products	Inherent qualities of materials used in the design of interior environments. Manufacturing, application, and installation methods. Focus on environmentally sensitive materials. Recommended: ARCHST 2310.
Architectural Studies	7196	ARCHST 4	UG	History of the Designed Environment to 1750	An in-depth study of the designed environment including interiors, architecture, art, and the decorative arts within the major historical periods and cultural context from prehistory to the Industrial Revolution.
Architectural Studies	18165	ARCHST 4	UG	Shaping Human Settlements	Review classic designs and designers, key concepts and enduring issues of community design within the overall framework of environmental design.
Architectural Studies	18149	ARCHST 4	UG	Place-Making in Community Design	Ideologies, case studies and participatory methods on place-making in community design. Use processes to design a place-making scheme in actual community project.

Architectural Studies	19814	ARCHST 4	UG	Human Factors Research for Design	(cross-leveled with ARCHST 7963). Investigate effect of people's physical psychological, social functions in environments of differing scales. Use research techniques of photo-interviewers, mapping, and user analysis to develop an appropriate program for redesign. Recommended: ARCHST 3860.
Art History and Archaeology	18885	AR_H_A 2	UG	African-American Visual Culture	(same as BL_STU 2720) This course introduces students to African-American art history, visual culture, and material culture in the cultural, political, and historical contexts. Specific focuses may include Harlem Renaissance, the Black Arts Movement, and other topics.
Art History and Archaeology	20542	AR_H_A 2	UG	African-American Visual Culture - Writing Intensive	(same as BL_STU 2720) This course introduces students to African-American art history, visual culture, and material culture in the cultural, political, and historical contexts. Specific focuses may include Harlem Renaissance, the Black Arts Movement, and other topics.
Art History and Archaeology	18274	AR_H_A 3	UG	Art and Gender in Antiquity	Comparative survey of Egypt, Greece, and Rome, focusing on gender construction and cultural perception through material resources.
Art History and Archaeology	1304	AR_H_A 3	UG	Early Medieval Art and Archaeology	An investigation of the arts of western Europe during the first millennium, when the unifying traditions of Rome were transformed by the diverse cultures of her Northern neighbors. Recommended: AR_H_A 1110 or equivalent.
Art History and Archaeology	1317	AR_H_A 3	UG	Modern Art in Europe and America	General survey of international directions in painting, sculpture, and architecture from 1885 to ca. 1940. Recommended: AR_H_A 1120 or equivalent.
Art History and Archaeology	19461	AR_H_A 3	UG	The Ancient World on Film	(same as CL_HUM 3775 and FILM_S 3775) This course explores how classical antiquity has been represented in twentieth and twenty-first-century film, with particular emphasis on the ways in which ancient narratives and iconography have been appropriated by filmmakers to address contemporary cultural issues. Recommended: Prior 2000 level coursework in Classical Humanities, Art History and Archaeology, or Film Studies.

Art History and Archaeology	19968	AR_H_A 3	UG	Indian Cinema	(same as ANTHRO 3490, S_A_ST 3490 and FILM_S 3490). Indian Cinema provides an overview of the key genres and themes of Indian film, including Bollywood, art cinema/parallel cinema, Indian regional cinemas, and diasporan cinema. The course combines film studies, anthropological, historical, and visual culture analyses to provide a holistic view of Indian culture and society through cinema. Recommended: Sophomore standing or higher.
Art History and Archaeology	1384	AR_H_A 4	UG	Gender and the Arts	(same as WGST 4120; cross-leveled with WGST 7120, AR_H_A 7120). Exploration of the relationship between the visual arts and constructions of gender and sexuality in selected eras. Prerequisites: instructor's consent.
Art History and Archaeology	1332	AR_H_A 4	UG	Greek Pottery	(cross-leveled with AR_H_A 7350). Examination of pottery and vase painting with an emphasis on production, iconography, and social context. Prerequisites: instructor's consent.
Art History and Archaeology	1372	AR_H_A 4	UG	Art and Ideas in the Northern Renaissance	(cross-leveled with AR_H_A 7660). Discussion of selected topics in painting and sculpture and their artistic and cultural relationships from the 14th through the 16th century in northern Europe. Prerequisites: instructor's consent.
Atmospheric Sciences	1467	ATM_SC 2	UG	Weather Communication	Methods of surface and upper air weather observation. How such data are distributed to users in the meteorological community is also addressed. Prerequisites: ATM_SC 1050; sophomore standing.
Atmospheric Sciences	1481	ATM_SC 4	UG	Atmospheric Phenomena in Physical and Earth Science Instruction	(cross-leveled with ATM_SC 7070). Description of atmospheric processes using lecture and simple laboratory activities for science teachers. Recommended: Upper division or graduate student standing.

Atmospheric Sciences	1479	ATM_SC 4	UG	Environmental Biophysics	(same as GEOG 4520; cross-leveled with ATM_SC 7520, GEOG 7520). Students will learn techniques and principles used to describe the microenvironment of living organisms and use quantitative expressions to estimate missing values, and mass transfer laws to estimate flux of energy, water and gas. Prerequisites: College Physics and Calculus I.
Biochemistry AG	1536	BIOCHM 2	UG	The Living World: Molecular Scale	Survey of modern biochemistry and biotechnology. Structure and function of DNA, proteins, lipids and carbohydrates. The role of biopolymers in life processes and everyday living is emphasized. Prerequisites: for non-Biochemistry majors only.
Bioengineering	286	BIOL_EN 2	UG	Engineering Analysis of Bioprocesses	Material and Energy Balances. Integrating principles of physics, chemistry and mathematics to analyze steady state and transient biological/biomedical processes. Graded on A-F basis only. Prerequisites: MATH 1700, CHEM 1320, PHYSCS 2750. Recommended: BIOL_EN 2080.
Bioengineering	286	BIOL_EN 2	UG	Engineering Analysis of Bioprocesses	Material and Energy Balances. Integrating principles of physics, chemistry and mathematics to analyze steady state and transient biological/biomedical processes. Graded on A-F basis only. Prerequisites: MATH 1700, CHEM 1320, PHYSCS 2750. Restricted to Biological Engineering students only. Recommended: BIOL_EN 2080.
Bioengineering	1624	BIOL_EN 3	UG	Environmental Control for Biological Systems	Systems for controlling the physical environments (heat, moisture, light, contaminating organism, chemicals) for plant and animal systems including livestock, aquacultures, crops and agricultural products. Prerequisites: ENGINR 2300 and MATH 4100.
Bioengineering	289	BIOL_EN 3	UG	Heat and Mass Transfer in Biological Systems	Principles of heat and mass transfer and their applications in biomedical, bioenvironmental, and bioprocessing engineering. Prerequisites: BIOL_EN 2180 or CH_ENG 2225. Prerequisites or Corequisites: ENGINR 2300 or CH_ENG 3261.

Bioengineering	1631	BIOL_EN 4	UG	Soil and Water Conservation Engineering	(same as CV_ENG 4710; cross-leveled with BIOL_EN 7150, CV_ENG 7710). Urban and rural run-off and erosion analysis. Design and layout of erosion control structures. Recommended: BIOL_EN 2180 or CV_ENG 3200.
Bioengineering	1657	BIOL_EN 4	UG	Biomolecular Engineering and Nanobiotechnology	(cross-leveled with BIOL_EN 7470). Generation of biotechnological products, devices through integration of engineering approaches with contemporary biology, chemistry and nanotechnology starting at the molecular level. Graded on A-F basis only. Prerequisites: MATH 1700, PHYSCS 2760, CHEM 2100.
Bioengineering	1628	BIOL_EN 4	UG	Design of Livestock Waste Management Systems	(cross-leveled with BIOL_EN 7550). Development and application of design criteria to the design of agricultural waste management facilities. Prerequisites: CHEM 1310 and CV_ENG 3700, MAE 3400 or instructor's consent.
Biological Science	5754	BIO_SC 21	UG	Infectious Diseases	An introduction to the basic science of bacterial, viral, protozoan, fungal and helminth infections, including discussions of how illness has influenced or been affected by public policy and culture. Prerequisites: BIO_SC 1010. Not open to Biology Majors.
Biological Science	19005	BIO_SC 34	UG	Evolution and Ecology	Introduction to principles of evolution and ecology. Topics include natural selection, adaptation, phylogenetic analysis, human evolution, population growth and regulation, population interactions, ecosystem ecology, and human impacts on ecological processes. No credit for this course if either BIO_SC 3650 or BIO_SC 4600 already completed; may not co-enroll in this course and BIO_SC 4600. Prerequisites: BIO_SC 2200.
Biomedical Sciences	1671	BIOMED 2	UG	Biology of Healthy Living	(same as PH_THR 2420 and NEP 2420). Biology of inactivity as a casual factor in chronic disease.
Biomedical Sciences	15014	BIOMED 3	UG	Animal Welfare and Ethics	An introductory examination of contemporary ethical issues related to biomedical science including animal welfare, agriculture, and cloning. Topics related to animal law issues will also be discussed. Prerequisites: junior standing.

Biomedical Sciences	15014	BIOMED 3	UG	Animal Welfare and Ethics	An introductory examination of ethical issues related to animal welfare, including animal use for food, research, and companionship, plus contemporary issues affecting companion animals, farm animals, and horses. Topics related to animal pain and legal status will also be discussed. Graded on A-F basis only. Recommended: junior standing.
Black Studies	1674	BL_STU 12	UG	World Theatre Workshop	(same as THEATR 1250). Provides a diverse ensemble of student performers, writers, and technicians with an intensive immersion in the process of theatrical production through the public presentation of dramatic literature that focuses on global issues of ethnicity and culture.
Black Studies	20202	BL_STU 13	UG	Introduction to Soul and Country	(same as MUSIC_NM 1335). Examination of musical cultures signified by "soul" and "country". Study of the evolution and aesthetics of these genres and how they deal with concepts like identity, class, race, and ethnicity; gender and sexuality; politics and patriotism."
Black Studies	1689	BL_STU 14	UG	African American History	(same as HIST 1410). Survey of social, political and economic development to the African American people in American life from 1619 to the present.
Black Studies	1688	BL_STU 15	UG	The Black Woman in America	(same as WGST 1500). Review and critiques of a variety of materials about Black women from slavery to present. The course allows students to generate their own view about psychological, social and philosophical impact of the Black women's struggle on all women. Recommended: sophomore standing.
Black Studies	1673	BL_STU 17	UG	African-American Theatre History	(same as THEATR 1720). A historical and critical analysis of the evolution of African American cultural performance in the American theatre and entertainment industry.
Black Studies	19310	BL_STU 17	UG	History of Early Africa	(same as HIST 1790). This course introduces students to the early history of Africa. It focuses on political, social, economic and cultural developments based on primary and secondary sources available in print and online.

Black Studies	1676	BL_STU 20	UG	Black Studies	An interdisciplinary introduction to the basic concepts and literature in the disciplines covered by African-American studies. The role of historical, political, social, and economic forces in shaping cultural expression will be stressed.
Black Studies	20850	BL_STU 20	UG	Topics in Black Studies-Social Science	Organized study of selected topics. Subjects, specific content, and credits may vary from semester to semester. Repeatable up to 6 hours with departmental consent.
Black Studies	1675	BL_STU 21	UG	African-American Cinema	(same as THEATR 2150). Study of the impact of cinema and the entertainment industry on the social perceptions of African-Americans and on African-American culture.
Black Studies	1684	BL_STU 22	UG	Social Inequalities	(same as SOCIOL 2200). Survey of inequalities based upon criteria such as race, ethnicity, sex, age, religion and social class in contemporary societies. Focus on dynamics by which privilege and inequality are structured.
Black Studies	1692	BL_STU 22	UG	The Black Americans	(same as SOCIOL 2210.) Analysis of history of blacks in the United States. Assessment of contemporary black community in terms of its institutions, style of life, patterns of work and intergroup relations. Prerequisites: SOCIOL 1000 or equivalent or instructor's consent.
Black Studies	19949	BL_STU 23	UG	Studies in Black Relationships	This course examines constructions of Black American coupling and therefore, gender, race, sexuality, and class in the 20th and 21st centuries. Blackness has been and continues to be reconstructed via marriage, dating, and other forms of coupling. Emphasis will be placed on the role of socialization, institutions, mass media, myth, and individual and group practices. Students will have the opportunity to explore their own socialization and personal construction through assigned readings, self-reflection, experiential activities, and small group presentations.

Black Studies	1701	BL_STU 29	UG	Black Religion	A history of religion approach to the study of black religion which takes into consideration the unique past experiences of the African American community as it underwent the terror of forced migration, slavery, segregation, and discrimination.
Black Studies	19807	BL_STU 26	UG	Languages of Africa	(same as ENGLISH 2601 and LINGST 2601). Introduction to the diversity of the 2000+ African languages, including first-hand experience exploring a few in detail with native speakers. Features of African languages are compared with others of the world. Political and social aspects of language in Africa are discussed.
Black Studies	19377	BL_STU 27	UG	Studies in Black Culture	This course will survey selected forms of black cultural expression, from a range of U.S., Africa, and the African Diaspora cultures in various media including literature, music, film studies, as well as other related disciplines. Program consent for repetition.
Black Studies	18886	BL_STU 27	UG	African-American Visual Culture	(Same as AR_H_A 2720) This course introduces students to African-American art history, visual culture, and material culture in their cultural, political, and historical contexts. Specific focuses may include the Harlem Renaissance, the Black Arts Movement, and other topics.
Black Studies	19313	BL_STU 29	UG	Black Studies in Slavery and Freedom	(same as HIST 2904). This course provides study of historical background, economic, political and social implications of slavery and freedom in the African Diaspora (Americas, Africa, Europe, Asia) as well as the legal and extralegal struggles for and meaning of (global, local, and national) freedom.

Black Studies	20768	BL_STU 29	UG	African Religions	(same as REL_ST 2940). This course will serve as an introduction to various forms of religiosity in sub-Saharan Africa. Greater emphasis will be devoted to the indigenous religious traditions of the continent, but we will also examine Christianity and Islam as they are practiced on the continent. The aim of this class is to help students to better understand various aspects of African cultures by dismantling stereotypes and assumptions that have long characterized the study of religions in Africa. The readings and lectures will be drawn from historical, anthropological, sociological, and literary sources. Graded on A-F basis only.
Black Studies	18888	BL_STU 29	UG	Theoretical Traditions in Blacks Studies - Culture	This course provides a broad understanding of the diverse theoretical traditions within the field of Black Studies, through a comparative examination of concepts, developments, and debates in humanities, including literature, languages, and music. Course graded on A-F basis only.
Black Studies	20511	BL_STU 30	UG	Undergraduate Topics in Black Studies - Social Science - Writing Intensive	Organized study of selected topics focusing on Black history, culture, or other relevant disciplines. Subjects, specific content, and credits may vary from semester to semester. Repeatable up to 6 hours with program consent.
Black Studies	1699	BL_STU 31	UG	African American Psychology	(same as ESC_PS 3100 and PSYCH 3880). The research, theories, and paradigms developed to understand the attitudes, behaviors, and psychosocial realities of African-Americans are discussed. Recommended: PSYCH 1000.
Black Studies	1705	BL_STU 32	UG	Black Freedom Movement, 1955-1973	(same as HIST 3200). Examines the dismantling of American apartheid and its transformation into a new racial control system. It also explores how and why the Civil Rights Movement was converted into a struggle for Black Power.

Black Studies	19182	BL_STU 32	UG	Studies in Black Sexual Politics	Course explores Black transnational politics of sex/sexuality and examines the theoretical, historical, and socio-cultural context that race, gender, and sexuality are used as analytical concepts. Students learn a transdisciplinary approach and apply this newly acquired information to analyze shifts in the field of Black sexuality studies. May be repeated for credit. Recommended: sophomore standing required.
Black Studies	19950	BL_STU 33	UG	Black Athletes	This course examines Black Athletes in the 20th and 21st centuries. Emphasis will be placed on how Blacks entered competitive athletics and the role of racism and power, socialization, institutions, mass media, myth, and individual and group practices. Students will have the opportunity to explore their own socialization and personal construction through assigned readings, self-reflection, experiential activities, and small group presentations.
Black Studies	1702	BL_STU 35	UG	Religious Biography: Black Religion	(same as HIST 3400). Studies black American religion through the biographies of representative and influential figures of the nineteenth and twentieth centuries, including Nat Turner, W.E.B Dubois, Marcus Garvey, M.L. King, and Malcolm X.
Black Studies	21085	BL_STU 36	UG	The History of Blacks in Germany	(same as GERMAN 3605). This course investigates the history of Africans and African Americans in Germany and Central Europe, from Antiquity to today. Special focus on Medieval Africans in Europe, travelling African American intellectuals around 1900, and African American GIs in occupied Germany. This course will challenge your understanding of race and racism.
Black Studies	19392	BL_STU 36	UG	Comparative Approaches to Black Studies in History	(same as HIST 3624). Comparative approach to the study of Black Diaspora history that focuses on the theory, method, structure, and application of modes of cultural production within the history of Black Diaspora cultures. Recommended for students with an interest in Black Studies or majors in the Humanities field. Program consent for repetition.

Black Studies	20572	BL_STU 36	UG	Comparative Approaches to Black Studies in History - Writing Intensive	(same as HIST 3624). Comparative approach to the study of Black Diaspora history that focuses on the theory, method, structure, and application of modes of cultural production within the history of Black Diaspora cultures. Recommended for students with an interest in Black Studies or majors in the Humanities field. Program consent for repetition.
Black Studies	19408	BL_STU 36	UG	Comparative Approaches to Black Studies in Culture	Comparative approach to the study of Black Diaspora cultures that focus on the theory, method, structure, and application of modes of cultural production within Black Diaspora cultures. Recommended for students with an interest in Black Studies or majors in the Humanities field. Course may be repeated for credit with consent of program.
Black Studies	19367	BL_STU 37	UG	Themes in Black Society	Examines various themes, issues, and perspectives in political science, psychology, sociology, and other related disciplines related to social and historical institutions in the U.S., Africa, and the African Diaspora. Recommended for Black Studies or Behavioral Science Majors. Program consent for repetition.
Black Studies	19495	BL_STU 37	UG	Themes in Black Culture	Examines various themes, issues and perspective in literature, music, the arts, and other related disciplines related to social and historical institutions in the U.S., Africa, and the African Diaspora. Recommended for Black Studies Majors. Program consent required for repetition.
Black Studies	19116	BL_STU 38	UG	Gender, Hip Hop, and the Politics of Representation	This class will examine gender in hip hop while exploring the intra- and interracial politics of representation among those of the hip hop generation.
Black Studies	20852	BL_STU 40	UG	Topics in Black Studies-Social Science	Organized study of selected topics. Subjects, specific content, and credits may vary from semester to semester. Repeatable up to 6 hours with departmental consent.

Black Studies	19415	BL_STU 40	UG	Houses Divided: Society and Politics in the Civil War Era	(same as HIST 4040). Examines the sectional crisis, the Civil War and reconstruction through the lens of divided households. Considers the experience of soldiers and civilians, women and men, slaves and freedpeople.
Black Studies	19415	BL_STU 40	UG	Slavery and the Crisis of the Union: The American Civil War Era	(same as HIST 4040). This class explores the history of the Civil War era, a transformative moment in both U. S. and world history. Our goal is to explore and answer a number of questions of great historical significance: How and why did slavery persist in an age of liberal democracy? Why did the pre-war Union prove unable to tolerate the plural visions and diverse institutions of its people? Was the descent into war more a measure of institutional weakness than of the intensity of moral conflict? What were the constituent elements of the competing wartime 'nationalisms' that evolved in both north and south? How and why did a war that began to restore the Union become one for emancipation? How was it the forerunner of modern, 'total' warfare? Did the governmental, socio-economic and racial changes wrought by war constitute a 'second American revolution'? Were the limits or the achievements of post-war Reconstruction more notable? And, last but certainly not least, how did the triumph of the Union condition the political and economic development of a rapidly globalizing world?
Black Studies	1732	BL_STU 43	UG	African-American Politics	(same as POL_SC 4130). Surveys political participation of African-Americans in American politics. Analyzes their public lives in the context of elections, behavior of political organizations, social movements, parties, and level of government. Prerequisites: POL_SC 1100 and junior standing.
Black Studies	1734	BL_STU 42	UG	African-American Religion	(same as REL_ST 4210). Examines the organization of major African American Christian denominations, Islam and religious movements. Twentieth century issues will be discussed, including sexism, classism and homophobia in church communities. Prerequisites: junior standing.

Black Studies	20077	BL_STU 43	UG	Social Perspectives on Gender and Emotion	(same as SOCIOL 4235, WGST 4235; cross-leveled with BL_STU 7235, SOCIOL 7235, WGST 7235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only. Prerequisites: WGST 1332 or WGST 1360; SOCIOL 1360 or SOCIOL 2300; BL_STU 1332 or BL_STU 2200; junior standing.
Black Studies	1759	BL_STU 43	UG	African-Americans in the Twentieth Century	(same as HIST 4270; cross-leveled with BL_STU 7270, HIST 7270). Surveys the African-American experience from 1900 to the present. Attention is given to economic, political, social, and cultural trends.
Black Studies	2097	BL_STU 43	UG	The Black Family: Past, Present & Future	(same as H_D_FS 4300; cross-leveled with BL_STU 7300, H_D_FS 7300). Emphasis is on the unique social, economic, religious, educational and political environments that have affected the structure and function of the black family. Prerequisites: junior standing.
Black Studies	19813	BL_STU 43	UG	Race, Class, Gender and U.S. Social Policy	Examines the causes and effects of the vast social and economic inequalities that exist between blacks and whites in US society, including the role federal, state and local government plays in creating and addressing these inequalities.
Black Studies	20137	BL_STU 43	UG	Historical Studies in African Music	(same as MUS_H_LI 4352). Ethnomusicological introduction to the music and culture of countries and ethnic groups in Africa. Traditional and contemporary popular styles are explored, and influences of Islamic invasions, missionary arrivals, colonial conquests, neo-colonial trends, and globalization. Prerequisites: Open to upper-level undergraduate students with instructor's consent.

Black Studies	1736	BL_STU 43	UG	Working with Minority Youth	(same as SOC_WK 4360). Develops awareness and understanding of social/psychological/ cognitive realities influencing the behavior of black youth. Content draws upon theories, research, and practice skills relevant to understanding black youth. Minority groups included. Prerequisites: junior standing or instructor's consent.
Black Studies	1754	BL_STU 43	UG	Social Work Practice With Minorities: African-American Emphasis	(same as SOC_WK 4380). Provides students with an appreciation of the black experience in the United States on a knowledge and feeling level.
Black Studies	1753	BL_STU 47	UG	Race, Gender and Ethnicity in Higher Education	Historical relationships of race, gender, and ethnic issues in United States higher education. Issues include: theory and research of curriculum and teaching, diversity within the academy, and leadership, governance, and policy.
Black Studies	1749	BL_STU 47	UG	Third World Politics	(same as POL_SC 4720). Comparative, interdisciplinary analysis of the politics of selected states in Southeast Asia, Africa, and Latin America. Special attention given to the problems of political and socioeconomic development. Prerequisites: junior standing.
Black Studies	21139	BL_STU 48	UG	Black Studies: Study Abroad-Humanities	This interdisciplinary study abroad course provides students with global experience within the African Diaspora, the opportunity to study in a foreign culture, augment their global competencies," and support their study and/or career development."
Black Studies	19115	BL_STU 48	UG	Black Studies Abroad	This interdisciplinary study abroad course provides students with global experience within the African Diaspora, the opportunity to study in a foreign culture and augment their global competencies" and course of study across the three Black Studies tracks-History, Culture and Society-as well as support their study and/or career development. Graded A-F basis only."
Black Studies	1711	BL_STU 49	UG	Undergrad. Seminar in Black Studies: History of Race in the U. S.	Readings on problems in American history with reports and discussion on selected topics. Departmental consent for repetition up to a maximum of 6 hours. Recommended: junior standing.

Black Studies	18846	BL_STU 4	UG	Black Studies Capstone	This course is designed to permit students to integrate general and specialized knowledge within the three Black Studies tracks (History, Society, Culture) using an interdisciplinary approach. Topics vary according to instructor and core discipline. Graded on A-F basis only. Recommended: junior standing.
Black Studies	18846	BL_STU 4	UG	Black Studies Capstone	This course is designed to permit students to integrate general and specialized knowledge within the three Black Studies tracks (History, Society, Culture) using an interdisciplinary approach. Topics vary according to instructor and core discipline. Graded on A-F basis only. Prerequisites: Junior standing.
Chemical Engineering	1888	CH_ENG 4	UG	Hazardous Waste Management	(same as CV_ENG 4220; cross-leveled with CH_ENG 7220, CV_ENG 7220). Engineering principles involved in handling, collection, transportation, processing and disposal of hazardous waste, waste minimization, legislation on hazardous wastes and groundwater contamination. Prerequisites: junior standing.
Chemical Engineering	20177	CH_ENG 4	UG	Pollution Prevention	Identify, analyze, and solve energy, water, and raw materials inefficiencies common to industrial processes and facilities. Graded on A-F basis only. Prerequisite: CHEM 1320, ENGINR 2300, MATH 2300, PHYSCS 2760.
Chemical Engineering	20177	CH_ENG 4	UG	Pollution Prevention	Identify, analyze, and solve energy, water, and raw materials inefficiencies common to industrial processes and facilities. Graded on A-F basis only. Prerequisite: CHEM 1320, ENGINR 2300 or CH_ENG 3261, MATH 2300, and PHYSCS 2760.
Chemical Engineering	1872	CH_ENG 4	UG	Chemodynamics	(cross-leveled with CH_ENG 7311). Environmental movement of chemicals in air, water, and soil; designed to introduce students to the basic principles and techniques useful for the prediction of the movement and fate chemicals in ecosystems. Prerequisites: CH_ENG 3234 or instructor's consent.

Chemical Engineering	1874	CH_ENG 4	UG	Air Pollution Control	(cross-leveled with CH_ENG 7312). Modeling of urban air pollution and control techniques. Topics treated are plume dispersion theories, photochemistry, methods of monitoring, methods of industrial abatement and legal aspects. Prerequisites: CH_ENG 3234 or instructor's consent.
Chemistry	1969	CHEM 394	UG	Service-Learning in Chemistry	A service-learning community outreach program affording chemistry students with an opportunity to enhance their problem-solving skills. May be repeated once for credit. Satisfies no specific chemistry degree requirements, nor Arts and Science general education requirements. Graded on a S/U basis only. Prerequisites: departmental consent.
Chemistry	2015	CHEM 428	UG	Environmental Chemistry	Surveys the chemistry of air and water environments; discusses the chemistry of waste treatment. Prerequisites: 8 hours chemistry including organic and analytical.
Chemistry	2028	CHEM 429	UG	Environmental-Toxicological Chemistry	In-depth study of the chemical aspects of current issues dealing with environmental pollutants and toxic chemical substances. Prerequisites: CHEM 4280.
Civil/Environmental Engr	19447	CV_ENG 3	UG	Pollutant Fate and Transport	(same as ENV_SC 3250). Introduction to concepts governing pollutant fate and transport in the environment, including pollutant interactions within and migration through environmental systems, as well as analytical techniques and tools necessary to quantify conditions and movement. Prerequisites: ENV_SC 1100 or SOIL 2100 or CV_ENG 3200; and CHEM 1320; or instructor's permission.
Civil/Environmental Engr	2223	CV_ENG 4	UG	Problems in Civil and Environmental Engineering	Directed investigation of civil engineering. Prerequisites: instructor's consent.
Civil/Environmental Engr	19000	CV_ENG 4	UG	Civil and Environmental Engineering Legal Issues	(cross-leveled with CV_ENG 7145). Discussion of legal issues facing civil engineers including right of way, risk and liability, environment, financing public works, contracting and ethics. Prerequisites: CV_ENG 3010.

Civil/Environmental Engr	18457	CV_ENG 4	UG	Transportation Geography	(same as GEOG 4850). Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.
Civil/Environmental Engr	18457	CV_ENG 4	UG	Transportation Geography	(same as GEOG 4850; cross-leveled with CV_ENG 7155; GEOG 7850). Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.
Civil/Environmental Engr	2263	CV_ENG 4	UG	Solid Waste Management	Engineering principles involved in generation, handling, collection, transport, processing, and disposal of solid wastes, resource recovery and reuse, legislation on solid wastes and groundwater contamination problems. Prerequisites: junior standing.
Civil/Environmental Engr	2263	CV_ENG 4	UG	Solid Waste Management	(cross-leveled with CV_ENG 7210). Engineering principles involved in generation, handling, collection, transport, processing, and disposal of solid wastes, resource recovery and reuse, legislation on solid wastes and groundwater contamination problems. Prerequisites: junior standing.
Civil/Environmental Engr	2265	CV_ENG 4	UG	Hazardous Waste Management	(same as CH_ENG 4220). Engineering principles involved in handling, collection, transportation, processing and disposal of hazardous wastes, waste minimization, legislation on hazardous wastes and groundwater contamination.
Civil/Environmental Engr	2265	CV_ENG 4	UG	Hazardous Waste Management	(same as CH_ENG 4220; cross-leveled with CV_ENG 7220, CH_ENG 7220). Engineering principles involved in handling, collection, transportation, processing and disposal of hazardous wastes, waste minimization, legislation on hazardous wastes and groundwater contamination.

Civil/Environmental Engr	2304	CV_ENG 4	UG	Introduction to Water Quality	(cross-leveled with CV_ENG 7230). Methods for determining and characterizing water quality, effects of pollution on streams and lakes, and an introduction to engineered systems for the distribution, collection and treatment of water and wastewater. Prerequisites: junior standing.
Civil/Environmental Engr	18425	CV_ENG 4	UG	Water and Wastewater Treatment Facilities	(cross-leveled with CV_ENG 7232). Physical, chemical, and biochemical processes for treating drinking water supplies and wastewaters (domestic and industrial), with emphasis on planning and design of such facilities. Prerequisites: CV_ENG 4230 or CV_ENG 7230 or instructor's consent.
Civil/Environmental Engr	2314	CV_ENG 4	UG	Water Quality Analysis	Chemical, physical and biological methods for analysis of streams, lakes, wastewaters and water supplies and their use in water quality management. Prerequisites: grade of C- or better in CV_ENG 4230 or instructor's consent.
Civil/Environmental Engr	2314	CV_ENG 4	UG	Water Quality Analysis	(cross-leveled with CV_ENG 7240). Chemical, physical and biological methods for analysis of streams, lakes, wastewaters and water supplies and their use in water quality management. Prerequisites: grade of C- or better in CV_ENG 4230 or instructor's consent.
Civil/Environmental Engr	2308	CV_ENG 4	UG	Environmental Engineering Microbiology	Theory and application of fundamental principles of microbiology, ecology, and aquatic biology of the microorganisms of importance to sanitary engineers. Prerequisites: senior standing or instructor's consent.
Civil/Environmental Engr	2308	CV_ENG 4	UG	Environmental Engineering Microbiology	(cross-leveled with CV_ENG 7270). Theory and application of fundamental principles of microbiology, ecology, and aquatic biology of the microorganisms of importance to sanitary engineers. Prerequisites: senior standing or instructor's consent.
Civil/Environmental Engr	2312	CV_ENG 4	UG	Wastewater Treatment and Process Design	Selection and use of wastewater and sludge treatment processes, disposal methods, sustainable wastewater treatment including anaerobic treatment of wastewater reuse. Prerequisites: grade of C- or better in CV_ENG 3200. Instructor's consent required.

Civil/Environmental Engr	2312	CV_ENG 4	UG	Wastewater Treatment and Process Design	(cross-leveled with CV_ENG 7290). Selection and use of wastewater and sludge treatment processes, disposal methods, sustainable wastewater treatment including anaerobic treatment of wastewater reuse. Prerequisites: grade of C- or better in CV_ENG 3200. Instructor's consent required.
Civil/Environmental Engr	2385	CV_ENG 4	UG	Soil and Water Conservation Engineering	(same as BIOL_EN 4150; cross-leveled with CV_ENG 7710, BIOL_EN 7150). Urban and rural run-off and erosion analysis. Design and layout of erosion control structures. Prerequisites: BIOL_EN 2180 or CV_ENG 3200.
Civil/Environmental Engr	2224	CV_ENG 4	UG	Undergraduate Research in Civil and Environmental Engineering	Independent investigation or project in Civil Engineering. May be repeated to 6 hours. Enrollment limited to seniors in Civil and Environmental Engineering. Prerequisites: instructor's consent.
Civil/Environmental Engr	2267	CV_ENG 4	UG	Research in Civil & Environmental Engineering- Undergraduate Honors	Independent project, supervised by the honors advisor, to be presented as a formal written report. Prerequisites: Civil Engineering students only. Recommended: participation in the Civil and Environmental Engineering Departmental Honors Program.
Clinical & Diagnostic Sciences	1841	CDS 3460	UG	Cardiovascular and Pulmonary Diagnostic Applications I	(same as RA_SCI 3460). Interdisciplinary small group, case-based study of common cardiovascular, pulmonary and other diseases. Pathophysiology, diagnosis and treatment from the perspective of allied health professionals. Emphasis on critical thinking, teamwork skills. Prerequisites: Acceptance into Radiologic Sciences, Radiography Program.
Clinical & Diagnostic Sciences	1842	CDS 4460	UG	Cardiovascular and Pulmonary Diagnostic Applications II	Interdisciplinary study of cardiac dysrhythmias, MI, stroke. Application of current American Heart Association Advanced Cardiac Life Support (AHA ACLS) algorithms. Successful completion of this course fulfills AHA ACLS Provider requirements.
Clinical & Diagnostic Sciences	18276	CDS 4500	UG	Emergency and Disaster Management in Healthcare	This course will provide the student with an orientation the principles of disaster management in the community (both state and federal levels) and the acute care facility. Topics include biological agents, allocation of resources and ethical considerations.

Communication	14180	COMMUN	UG	Media Communication in Society	An introduction to the development and impact of media communications and its technologies on American society. Emphasis on contemporary industry developments, their historical antecedents, as well as contemporary issues related to the influence and impact of media communication on society. Prerequisites: freshman, sophomore or junior standing only.
Communication	14181	COMMUN	UG	Media Communication in Society - Honors	An introduction to the development and impact of media communications and its technologies on American society. Emphasis on contemporary industry developments, their historical antecedents, as well as contemporary issues related to the influence and impact of media communication on society. Prerequisites: freshman, sophomore or junior standing only. Honors eligibility required.
Communication	2690	COMMUN	UG	Gender, Language, and Communication	(same as LINGST 4412, ANTHRO 4412; cross-leveled with COMMUN 7412, LINGST 7412, ANTHRO 7412). Relationship among gender, language, nonverbal communication, and culture. Prerequisites: junior standing or departmental consent. May be restricted to Communication majors only during early registration.
Communication	19176	COMMUN	UG	Children, Adolescents and the Media	Focus on social scientific research concerning the mass media in the lives of children and adolescents. The course centers on media effects literature and controversies relevant to child and adolescent media users. Course involves readings, lectures, discussions of theories, concepts, methods, and finding. We will also consider social implication and personal choices in media use. Graded on A-F basis only. Prerequisites: junior standing required.
Communication	2696	COMMUN	UG	New Technologies and Communication	Explores the social implications of new technologies designed for communication. Assumes basic computer knowledge. Prerequisites: junior standing or instructor's consent. May be restricted to Communication Majors only during early registration.

Communication Sci & Disorders	2749	C_S_D 434	UG	Aural Rehabilitation	Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education, and social factors. Prerequisites: C_S_D 3230 and C_S_D 4330.
Communication Sci & Disorders	2749	C_S_D 434	UG	Aural Rehabilitation	(cross-leveled with C_S_D 7340). Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education, and social factors. Prerequisites: Communication Science and Disorders majors only.
Computer Science	2861	CMP_SC 1	UG	Introduction to Computer Science	This course introduces the Computer Science field, including the history of computers, career opportunities, and ethical/social issues. There will be lectures given by MU Computer Science faculty to discuss exciting fields as well as career advisement given by Computer Science industry representatives. Prerequisites: Restricted to freshman/sophomore Computer Science/Information Technology majors.
Digital Storytelling	20477	DST 3510	UG	Think Global: Fundamentals of Globalization and Digital Technology	(same as GERMAN 3510, JOURN 3510, PEA_ST 2810, T_A_M 2810). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.

Digital Storytelling	20477	DST 3510	UG	Think Global: Fundamentals of Globalization and Digital Technology	(same as GERMAN 3510, JOURN 3510, PEA_ST 2810, T_A_M 3010). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.
Digital Storytelling	21225	DST 3510	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, JOURN 3510H, PEA_ST 2810H, T_A_M 3010H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.
Digital Storytelling	20992	DST 3510	UG	Think Global: Fundamentals of Globalization and Digital Technology - Writing Intensive	(same as GERMAN 3510W, JOURN 3510W, PEA_ST 2810W, T_A_M 2810W). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.
Digital Storytelling	20992	DST 3510	UG	Think Global: Fundamentals of Globalization and Digital Technology - Writing Intensive	(same as GERMAN 3510W, JOURN 3510W, PEA_ST 2810W, T_A_M 3010W). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.

Digital Storytelling	20476	DST 4805	UG	Case Studies in an Inter/Multicultural World	(same as GERMAN 4810, PEA_ST 4810, T_A_M 4810). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only. Prerequisites: Sophomore standing.
Economics	3428	ECONOM	UG	Principles of Macroeconomics	Macroeconomics generally refers to a collection of questions about how scarcity affects a collection of people interacting with one another. In this course, our focus is on understanding how scarcity affects welfare of a nation. Topics include Gross Domestic Product, government spending and taxation, economic growth, monetary and fiscal policy, unemployment and inflation, and exchange rates. Not open to students who have completed ECONOM 1051 or AG_EC 1042. Prerequisites: ECONOM 1014 or ECONOM 1024.
Economics	3449	ECONOM	UG	Undergraduate Topics in Economics - Social Science	Organized study of selected topics in Economics; applied or theoretical economics; covers subjects not included in regularly offered courses. Prerequisites: instructor's consent.
Economics	3457	ECONOM	UG	Topics in Economics - Social Science	Study in applied or theoretical economics; covers subjects not included in regularly offered courses. Prerequisites: instructor's consent.
Economics	3461	ECONOM	UG	Labor Economics	Surveys economic activity of the population, trade unionism, wage and employment determination, employment and income insecurity, and under utilization of human resources from the standpoint of public policy. Prerequisites: ECONOM 1014 or ECONOM 1024 and ECONOM 1015, or ECONOM 1051H.

Economics	3466	ECONOM	UG	Introduction to International Economics	A topical course which emphasizes the application of basic economic analysis to real and current international economic issues. Topics include free trade, protectionism, free trade areas, multilateral trade negotiations, trade and development, exchange rates, the International Monetary System, and economic integration. Prerequisites: ECONOM 1014 or ECONOM 1024 or ECONOM 1051.
Economics	3467	ECONOM	UG	Money, Banking and Financial Markets	Operation of the U.S. financial and economic system. Covers interest rates, banking regulation, the money supply process and the conduct of the Federal Reserve, inflation and the macroeconomy, exchange rates and the international financial system, rational expectations, and efficient markets. Prerequisites: (ECONOM 1014 or ECONOM 1024) and ECONOM 1015, or ECONOM 1051.
Economics	3467	ECONOM	UG	Money, Banking and Financial Markets	Operation of the U.S. financial and economic system. Covers interest rates, banking regulation, the money supply process and the conduct of the Federal Reserve, inflation and the macroeconomy, exchange rates and the international financial system, rational expectations, and efficient markets. Prerequisites: (ECONOM 1014 or ECONOM 1024) and ECONOM 1015, or ECONOM 1051, or AG ECON 1041 with a minimum grade of C-.
Economics	3468	ECONOM	UG	Money, Banking and Financial Markets - Honors	Operation of the U.S. financial and economic system. Covers interest rates, banking regulation, the money supply process and the conduct of the Federal Reserve, inflation and the macroeconomy, exchange rates and the international financial system, rational expectations, and efficient markets. Prerequisites: ECONOM 1014 or ECONOM 1024 and ECONOM 1015, or ECONOM 1051. Honors eligibility required.

Economics	18564	ECONOM	UG	Capitalism, Democracy and Society	This is a one-credit seminar course for students interested in careers involving social science research and analysis; topics covered will be a selection of classic and contemporary debates in the social sciences. Prerequisites: ECONOM 1014 and ECONOM 1015, or ECONOM 1051.
Economics	3534	ECONOM	UG	Topics in Economics- Social Science	Study in applied or theoretical economics; covers subjects not included in regularly offered courses. Prerequisites: instructor's consent.
Economics	20603	ECONOM	UG	Topics in Economics- Social Science - Writing Intensive	Study in applied or theoretical economics; covers subjects not included in regularly offered courses. Prerequisites: instructor's consent.
Economics	3501	ECONOM	UG	History of Economic Thought	(cross-leveled with ECONOM 7320). Origins of modern economic thought in the context of social and intellectual environment of the time in which they originated, their contribution to their period and to modern thought. Prerequisites: (ECONOM 1014 or ECONOM 1024) and ECONOM 1015, or ECONOM 1051.
Economics	20606	ECONOM	UG	History of Economic Thought	Origins of modern economic thought in the context of social and intellectual environment of the time in which they originated, their contribution to their period and to modern thought. Prerequisites: (ECONOM 1014 or ECONOM 1024) and ECONOM 1015, or ECONOM 1051.
Economics	3504	ECONOM	UG	The International Monetary System	(cross-leveled with ECONOM 7325). Study of macroeconomic and monetary relationships between the U.S. and the world. Topics include balance of payments, foreign exchange rates, history of the international monetary system. Prerequisites: ECONOM 3229.
Economics	3506	ECONOM	UG	Economics of International Trade	(cross-leveled with ECONOM 7326). The microeconomic theory of international trade. Topics include comparative advantage, the theory of commercial policy, economic integration, trade with less developed countries and the trade effects of economic growth. Prerequisites: ECONOM 3251 or ECONOM 4351.

Economics	3522	ECONOM	UG	Intermediate Microeconomics	(cross-leveled with ECONOM 7351). Theory of rational behavior in consumption, production, and pricing decisions of households and firms. Partial equilibria in product and factor markets under competition, monopoly, oligopoly and monopolistic competition. A brief introduction to general equilibrium and welfare economics is provided. Calculus is employed. No credit for students who have completed ECONOM 3251. Prerequisites: (ECONOM 1014 or ECONOM 1024 or ECONOM 1051) and MATH 1400 or equivalent.
Economics	3523	ECONOM	UG	Intermediate Microeconomics - Honors	Theory of rational behavior in consumption, production, and pricing decisions of households and firms. Partial equilibria in product and factor markets under competition, monopoly, oligopoly and monopolistic competition. A brief introduction to general equilibrium and welfare economics is provided. Calculus is employed. No credit for students who have completed ECONOM 3251. Prerequisites: ECONOM 1014 or ECONOM 1024 or ECONOM 1051, and MATH 1400, or equivalent. Honors eligibility required.
Economics	3536	ECONOM	UG	Comparative Economic Systems	(cross-leveled with ECONOM 4361). Study of capitalism, market socialism, and central planning. Prerequisites: ECONOM 3229, and ECONOM 3251 or ECONOM 4351.
Economics	3538	ECONOM	UG	Welfare Economics	(cross-leveled with ECONOM 7362). Role of value judgments; meaning and measurement of economic welfare; interpersonal comparisons; cardinal and ordinal utility; Pareto optimality, conflicts of interest and distribution of income; individual values and social choice. Prerequisites: ECONOM 3251 or ECONOM 4351.

Economics	3550	ECONOM	UG	Structural Change in Economic History	(cross-leveled with ECONOM 7384). Explores changes in the structure of the American economy from its earliest colonial beginnings. Structural change, an integral part of growth, is related to technical change, population growth and to the content and form of economic theory. Prerequisites: ECONOM 1014 or ECONOM 1024 and ECONOM 1015, or ECONOM 1051.
Ed Leadership & Pol Analysis	14694	ED_LPA 4	UG	Inquiring into Schools, Community and Society II	(same as ED_LPA 7060). Required 3 hour course for students pursuing teacher certification. Designed to transition students into the teaching internship through study of teacher roles, school organizations and cultures, and community contexts. Prerequisites: LTC 2040.
Educ School & Counsel Psych	18730	ESC_PS 20	UG	Experiencing Cultural Diversity in the United States	The purpose of this course is to examine cultural diversity in U.S. Society, to increase self-awareness related to worldviews and beliefs about diversity issues, and to increase understanding of the intersections of multiple group identities. Graded on A-F basis only.
Educ School & Counsel Psych	3941	ESC_PS 25	UG	Child Development	The psychological, intellectual, social, and physical development of children.
Educ School & Counsel Psych	3853	ESC_PS 27	UG	Psychological Perspectives in Sport	Survey of sport psychology literature with focus upon such topics as personality, positive and negative affect, cognitive and behavioral intervention, motivation, aggression, audience effects, team cohesion, team building, leadership, exercise, and multicultural issues.
Educ School & Counsel Psych	3850	ESC_PS 31	UG	African-American Psychology	(same as BL_STU 3100 and PSYCH 3880). The research, theories and paradigms developed to understand the attitudes, behaviors and psychosocial realities of African-Americans are discussed. Prerequisites: PSYCH 1000.
Educ School & Counsel Psych	3851	ESC_PS 32	UG	Black Feminism	This course outlines the basic principles and practices of Black feminism in the United States. Examination of the multiple systems of oppression on Black women's lives and Black women's collective actions against social structures will occur. Recommended: PSYCH 1000 or instructor's consent.

Educ School & Counsel Psych	3034	ESC_PS 41	UG	Foundations of Counseling Psychology	Survey of contemporary theories underlying individual feminist, family systems, and multicultural approaches to counseling. Introduction to professional and ethical issues in Counseling Psychology. Recommended: departmental consent.
Educ School & Counsel Psych	4031	ESC_PS 41	UG	Health Behavior: Drug and Sexuality Education	Psychological, social, and physical factors related to drug taking and sexuality behaviors. Recommended: instructor's consent.
Electrical and Computer Engin	4194	ECE 4020	UG	Energy Systems and Resources	(same as NU_ENG 4315; cross-leveled with ECE 7020, NU_ENG 7315). Analysis of present energy usage in Missouri, USA and the world, evaluation of emerging energy technologies and trends for the future. Economics and environmental impact of the developed technologies. Prerequisites: ENGINR 2300.
Electrical and Computer Engin	19138	ECE 4470	UG	Sustainable Electrical Energy Resources	(cross-leveled with ECE 7470). Analysis of renewable electrical energy resources from both the utility and distributed resource perspective. Covers safety, metering and power quality issues associated with coupling distributed resources to the utility grid. Prerequisites: ECE 2100 or ENGINR 2100.
Engineering	19517	ENGINR 3	UG	Short Term Education Abroad - Honors	Introduction to history and culture of country and/or cities in specified country. Students will make engineering profession and corporate site visits. Lecture activities will focus on industry and society, with country and/or cities compared and contrasted to U.S. engineering. Graded A-F only. Prerequisites: Instructor's consent required. Students must be in Academic Good Standing.
Engineering	18557	ENGINR 4	UG	Multi-disciplinary Senior Engineering Capstone Design	Engineering design and prototyping including reliability, testing, evaluation, preparation of documentation, safety, ethics, manufacturing, intellectual property, economic and environmental constraints. Oral and written reports. Graded A-F only. Prerequisites: Instructor's consent. Student's department consent also required. Recommended: Senior standing.

English	4567	ENGLSH 2	UG	Introduction to Women's Literature	(same as WGST 2180). A study of traditional and nontraditional literature written by women from the perspective of feminist themes-love, power, work, family and other relations. No more than six hours may be taken in the Introduction to Women's Literature series. Recommended: ENGLSH 1000.
English	19806	ENGLSH 2	UG	Languages of Africa	(same as BL_STU 2601, LINGST 2601). Introduction to the diversity of the 2000+ African languages, including first-hand experience exploring a few in detail with native speakers. Features of African languages are compared with others of the world. Political and social aspects of language in Africa are discussed.
English	4657	ENGLSH 3	UG	Sexuality and Gender Theory	(same as WGST 3080). Examination of major theoretical approaches and debates in the study of gender and sexuality, with particular attention to the intersection of culture, representation, and identity. May be repeated to 6 hours with department consent.
English	19473	ENGLSH 3	UG	Introduction to African Diaspora Literary Theory	Introduction to the range of theoretical approaches to the study of African Diaspora literature, with particular attention to the diverse socio-political contexts that undergird range of literary, historical, and cultural theories; intended as a broad survey of African Diaspora literary theory, whether from the Slavery era onward or 20th century literary theory and beyond. May be repeated for credit with consent. Prerequisites: ENGLSH 1000.
English	17869	ENGLSH 3	UG	Native Writing and Representation	(same as PEA_ST 3490). Survey of native writing and representation from the late eighteenth century to the present, encompassing a diverse range of tribes and forms. Material will be drawn from tribes inhabiting the North American continent, but global indigenous relationships will also be addressed. Graded on A-F basis only.
English	4670	ENGLSH 4	UG	Topics in English-Social Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May repeat to six hours.

English	4777	ENGLISH 4	UG	Ethnic Literature	(cross-leveled with ENGLISH 7120). Explores in depth the literary traditions of one of America's minority ethnic cultures: Native American, African-American, Hispanic American, Asian American. No more than six hours may be taken in the Ethnic Literature series. Recommended: junior standing.
English	4873	ENGLISH 4	UG	Oral Tradition	(same as CL_HUM 4770). Study of verbal art from living oral traditions (e.g., Native American and African American) and important literary works with roots in oral tradition (e.g., the Bible, the Iliad, the Odyssey, and Beowulf). Recommended: junior standing.
English	4871	ENGLISH 4	UG	Women's Folklore and Feminist Theory	(same as WGST 4780). Examines folklore and artistic expression of women in relation to feminist theory and in multicultural contexts. Includes verbal genres (narrative/ song) as well as material genres (quilting/arts). Recommended: junior standing.
Environmental Science	16228	ENV_SC 1	UG	Topics in Environmental Science - General	Organized study of selected topics in environmental science.
Environmental Science	16230	ENV_SC 2	UG	Topics in Environmental Science - General	Organized study of selected topics in environmental science.
Environmental Science	10148	ENV_SC 2	UG	Topics in Environmental Science-Biological/Physical/Mathematica I	Organized study of selected topics. Subjects and credit may vary from semester to semester.
Environmental Science	16232	ENV_SC 3	UG	Problems in Environmental Science	Special individualized projects or readings in environmental science.
Environmental Science	19449	ENV_SC 3	UG	Pollutant Fate and Transport	(same as CV_ENG 3250). Introduction to concepts governing pollutant fate and transport in the environment, including pollutant interactions within and migration through environmental systems, as well as analytical techniques and tools necessary to quantify conditions and movement. Prerequisites: ENV_SC 1100 or SOIL 2100 or CV_ENG 3200; and CHEM 1320.

Environmental Science	5067	ENV_SC 3	UG	Soils and the Environment	(same as SOIL 3290). Addresses the role of soils and soil properties on environmental pollution and management. Emphasis will be placed on carbon, nitrogen, phosphorus, and sulfur transformations and transport in natural and disturbed ecosystems and soil management practices and technology to prevent or remediate environmental pollution. Prerequisites: SOIL 2100, ENGLSH 1000. Recommended 3 hours of CHEM courses.
Environmental Science	20651	ENV_SC 3	UG	Soils and the Environment - Writing Intensive	(same as SOIL 3290). Addresses the role of soils and soil properties on environmental pollution and management. Emphasis will be placed on carbon, nitrogen, phosphorus, and sulfur transformations and transport in natural and disturbed ecosystems and soil management practices and technology to prevent or remediate environmental pollution. Prerequisites: SOIL 2100, ENGLSH 1000. Recommended 3 hours of CHEM courses.
Environmental Science	16233	ENV_SC 4	UG	Topics in Environmental Science - General	Organized study of selected topics in environmental science.
Environmental Science	21211	ENV_SC 4	UG	Foundations of Environmental Education	(same as NAT_R 4024; cross-leveled with NAT_R 7024) This course provides a theoretical foundation to environmental education (EE). The purpose of this course is to develop the knowledge and skills for developing quality, age-appropriate EE for students in both formal and non-formal education setting. The emphasis is on EE curriculum materials, resources, and programs that can be used with students in settings at classrooms, nature centers, museums, and parks. This course involves training in the Missouri Department of Conservation Discover Nature School educational materials, and in observing and teaching EE lessons in a local nature center. Graded on A-F basis only. Prerequisites: BIO_SC 1010 or ENV_SC 1100 or NAT_R 1060 or NAT_R 1070 or NAT_R 2160 or Instructor's consent.
Environmental Science	16234	ENV_SC 4	UG	Problems in Environmental Science	Special individualized research projects or readings in environmental science.

Environmental Science	5068	ENV_SC 4	UG	Environmental Soil Physics	(same as SOIL 4305). Study of soil physical properties and processes important in solving environmental problems. Topics include soil solids, water content and energy, and transport of water, solutes, gas and heat. Prerequisites: SOIL 2100. Recommended: PHYSCS 1210 or equivalent.
Environmental Science	5069	ENV_SC 4	UG	Environmental Soil Microbiology	(same as SOIL 4312). Microbiology/ecology of life in the soil ecosystem. Emphasis is placed on the role of microbes in nutrient cycling, microbial pesticide/xenobiotic transformation bioremediation, etc. Prerequisites: SOIL 2100. Recommended: general microbiology.
Environmental Science	5070	ENV_SC 4	UG	Hydrologic and Water Quality Modeling	(same as NAT_R 4320). Introduction to models for simulating hydrologic and water quality processes. Emphasis is placed on watersheds to provide experience with the use of simulation models for natural resource decision making. Prerequisites: ENV_SC 1100 or SOIL 2100.
Environmental Science	16235	ENV_SC 4	UG	Environmental Science Internship	Supervised professional experience with an approved public or private organization. Graded on S/U basis only.
Environmental Science	19360	ENV_SC 4	UG	Undergraduate Research in Environmental Science	Research apprenticeship with a faculty mentor. Students are expected to develop initial concept for the research, design experiments, collect data, and analyze data with faculty input, oversight, and guidance. Prerequisites: ENV_SC 1100, STAT 2530 Recommended: 9 hours of Environmental Science with at least 3 hours above the 3000-level.
Environmental Studies	5072	ENV_ST 2	UG	Topics in Environmental Sciences	Selected topics not in regularly offered courses.
Environmental Studies	5074	ENV_ST 2	UG	Directed Independent Study	Working with Environmental Studies you will find and develop a research project or an internship with the university, a government agency, a business or a non-profit agency. The project will be directed towards solving an environmental problem. Prerequisites: instructor's consent.

Environmental Studies	5075	ENV_ST 4	UG	Topics in Environmental Studies	This course covers topics not covered in regularly offered courses. Students are expected to combine skills, knowledge and perspectives from the natural and social science to analyze selected environmental problems.
Film Studies	20012	FILM_S 34	UG	Indian Cinema	(same as S_A_ST 3490, AR_H_A 3790 and ANTHRO 3490). Indian Cinema provides an overview of the key genres and themes of Indian film, including Bollywood, art cinema/parallel cinema, Indian regional cinemas, and diasporan cinema. The course combines film studies, anthropological, historical, and visual culture analyses to provide a holistic view of Indian culture and society through cinema. Prerequisites: Sophomore standing or higher.
Film Studies	19462	FILM_S 37	UG	The Ancient World on Film	(Same as CL_HUM 3775 and AR_H_A 3775) This course explores how classical antiquity has been represented in twentieth and twenty-first-century film, with particular emphasis on the ways in which ancient narratives and iconography have been appropriated by filmmakers to address contemporary cultural issues. Prerequisites: Prior 2000 level coursework in CL_HUM, AR_H_A, or FILM_S. Instructors consent required.
Film Studies	17761	FILM_S 38	UG	Brazilian Cinema	(same as PORT 3875). An introduction to Brazilian cinema, culture, and society through the study of contemporary cinematic productions. Topics include: Hollywood perceptions of Brazil; redefinition of national identity and history, representations of race and gender. Prerequisites: ENGLISH 1000.
Fisheries and Wildlife	18978	F_W 2900	UG	Principles of Wildlife Management	Expose students to the principles of wildlife management with emphasis on current issues faced by wildlife researchers and managers in the field. Graded on A-F basis only. Recommended: NAT_R 1070 and one other course in biological or environmental science; sophomore standing or higher.

Fisheries and Wildlife	18743	F_W 3090	UG	International Studies in Conservation	International study abroad that enhances and expands conservation knowledge and experience. May be repeated for credit. Prerequisites: 12 hours biological science and/or conservation-related coursework. Restricted to Fisheries and Wildlife majors only. Recommended: 12 hours biological science and/or conservation-related coursework. Must complete a Study Abroad Proposal prior to attending the course.
Fisheries and Wildlife	16284	F_W 3300	UG	Wildlife Damage Management	To explore wildlife damage conflicts involving human health and safety, agricultural resources, economics and natural resources. The course studies damage caused by wildlife species and methods to alleviate damage. Covers wildlife diseases, human dimensions and wildlife policies. Graded on A-F basis only.
Fisheries and Wildlife	5273	F_W 3500	UG	Wildlife Conservation in British Cities	Five week study abroad course focusing on approaches to wildlife conservation in London, Birmingham, Manchester, Liverpool and Edinburgh. Students will learn how managers blend ecology, conservation, and participatory approaches to management to conserve species in a human dominated landscape. Hands on involvement with conservation projects included. Recommended: NAT_R 1060 or NAT_R 1070, and Management course in SNR.
Fisheries and Wildlife	5530	F_W 4200	UG	Urban Wildlife Conservation	Reviewing the theory and practice of applying ecological concepts to the management of wildlife species in urban areas. Prerequisites: BIO_SC 3650.
Fisheries and Wildlife	20654	F_W 4200	UG	Urban Wildlife Conservation - Writing Intensive	Reviewing the theory and practice of applying ecological concepts to the management of wildlife species in urban areas. Prerequisites: BIO_SC 3650.
Fisheries and Wildlife	5271	F_W 4400	UG	Techniques for Fisheries Management and Conservation	Introduction to techniques (field and analytical/quantitative) used by fisheries and conservation biologists. Fosters understanding of techniques uses, advantages, limitations biases, and data interpretation. Extended weekly field outings require chest waders and life jackets. Graded on A-F basis only. Recommended: BIO_SC 3650 and STAT 2530 or NAT_R 3110 and F_W 2700 or F_W 4300.

Fisheries and Wildlife	20655	F_W 4400	UG	Techniques for Fisheries Management and Conservation - Writing Intensive	Introduction to techniques (field and analytical/quantitative) used by fisheries and conservation biologists. Fosters understanding of techniques uses, advantages, limitations biases, and data interpretation. Extended weekly field outings require chest waders and life jackets. Graded on A-F basis only. Recommended: BIO_SC 3650 and STAT 2530 or NAT_R 3110 and F_W 2700 or F_W 4300.
Fisheries and Wildlife	5529	F_W 4500	UG	Animal Population Dynamics and Management	Quantitative modeling approach to examining principles and analysis techniques of fish and wildlife population dynamics. Emphasis on approaches useful in the management of exploited species. Prerequisites: MATH 1400, STAT and BIO_SC 3650.
Fisheries and Wildlife	19375	F_W 4650	UG	Wildlife Management Planning	Students will be exposed to various wildlife planning tools. Student teams will develop wildlife management plans with strategic and operational components for current conservation issues in Missouri. Plans will be critiqued by peers and outside professionals. Graded on A-F basis only. Prerequisites: BIO_SC 3650 and senior standing. Recommended: F_W 2900.
Fisheries and Wildlife	5268	F_W 4800	UG	Environmental Toxicology	Introduction to classes of chemicals, tools, methods, and approaches used in environmental toxicology. Emphasizes fundamentals of toxicology, dose-response relationships, evaluation of contaminant issues, strategies, and exposure analysis/toxicity assessment strategies in a risk assessment. Prerequisites: CHEM 1320 and F_W 3400.
Fisheries and Wildlife	19263	F_W 4810	UG	Wildlife Disease Ecology	An introduction to the ecology of wildlife diseases. Topics include the definition of a disease, how to measure diseases, impacts on individuals and populations, and the role of disease in wildlife management and conservation. Prerequisites: BIO_SC 3650.

Food Science	5356	F_S 2195	UG	Grapes and Wines of the World	(same as PLNT_S 2195). Explores the world of wine through study of viticultural principles and practices, wine styles, classifying wine, the winemaking process and New World and Old World wine regions. Learn wine tasting skills and experience wines from around the world. World wine consumption, social and physical health benefits of moderate wine consumption.
Food Science	5402	F_S 4370	UG	Food Microbiology	(cross-leveled with F_S 7370). Study of bacteria, yeast and molds. Includes dominant flora, public health significance, characterization of organisms, examination of foods representative of major food groups, spoilage, preservation, food fermentations and physiological groups. Prerequisites: F_S 2172. Recommended: one Biochemistry course.
Food Science	5404	F_S 4375	UG	Food Microbiology Laboratory	(cross-leveled with F_S 7375). Examination of foods for microorganisms and characterization of major species. Prerequisites or Corequisites: F_S 4370.
Forestry	5447	FOREST 2	UG	Forest Measurement and Inventory	Field measurement of standing trees including diameter, height and age. Estimation of forest timber resources using a variety of sampling schemes and techniques. Introduction to Arcview and growth models. Prerequisites: SOIL 2100, FOREST 2151. Corequisites: FOREST 2540, FOREST 2541, FOREST 2543, FOREST 2544 and FOREST 2545.
Forestry	5593	FOREST 3	UG	Forest Health and Protection	Fundamental concepts of forest pathology and forest entomology including emphasis on ecological principles and management strategies. Recommended: FOREST 2151.
Forestry	21007	FOREST 3	UG	Forest Health and Protection - Writing Intensive	Fundamental concepts of forest pathology and forest entomology including emphasis on ecological principles and management strategies. Recommended: FOREST 2151.
Forestry	5596	FOREST 3	UG	Fire and Society	A study of the relationship between society (humans) and fire. What kind of role does fire play in day-to-day life? How has fire influenced our behavior since Day 1? How do we view fire today?

Forestry	5491	FOREST 43	UG	Practice of Silviculture	Applied ecological principles, cultural practices, tree improvement techniques and treatments to forest stands and other lands for systematic production of goods and services. Prerequisites: FOREST 4320; Senior standing only.
Forestry	5594	FOREST 43	UG	Wildland Fire Management	Management, administration, and organization of wildland and prescribed fires and other natural and man-made disasters. Emphasis placed on organizational arrangements of incidents rather than on either strategy or tactics. Prerequisites: FOREST 3207.
Forestry	5597	FOREST 43	UG	Forest Stand Dynamics	Examines the development of forest structure, the role of disturbance on forest change and the use of this knowledge in applying silvicultural systems. Both forest stand dynamics theories, structure diagrams, forest growth models, and long term data sets are used to understand stand dynamics. Prerequisites: FOREST 4330.
Geography	6047	GEOG 226	UG	Geography of East Asia	Cultural, physical and economic geography of China, Japan, and Korea, with emphasis on China. Landscape analysis, determination of regional identities, and study of political forces evident in the development of the contemporary scene are stressed. Prerequisites: GEOG 1200.
Geography	6035	GEOG 227	UG	Geography of Asia	(same as S_A_ST 2270). An introductory survey of the geography of Asia from India through Southeast Asia to China and Japan, emphasizing factors contributing to cultural similarities and variations, conflicts of interest, and current development.
Geography	20356	GEOG 228	UG	Race, Democracy, and Violence in Cuba and Haiti	(same as PEA_ST 2280, SOCIOL 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.

Geography	21131	GEOG 228	UG	Race, Democracy, and Violence in Cuba and Haiti - Writing Intensive	(same as PEA_ST 2280W, SOCIOL 2280W). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Geography	6085	GEOG 326	UG	Southeast Asia	(same as S_A_ST 3260). Physical, cultural, historical and regional geography of Southeast Asia, with an introduction to East Asian geography. Emphasizes the problems of tradition and development.
Geography	6048	GEOG 327	UG	Geography of the Middle East	Cultural, physical and historical geography of Middle East, with emphasis on cultural adaptations to environments and conflicts over the resources.
Geography	6086	GEOG 328	UG	Geography of South Asia	(same as S_A_ST 3280). Topical and regional analysis of India, Pakistan, Sri Lanka. Historical development of distinctive cultural regions. Relations with neighboring areas. Impact of Westernization on economic activities, settlements, population.
Geography	6090	GEOG 329	UG	Geography of Russia and the Newly Independent States of Eurasia	Geographic analysis of social, economic and political issues confronting Russia and the NIS, including environmental problems, economic interdependence and prospects for regional economic development, population change and migration, inter-ethnic relations and ethno-territorial conflict.

Geography	19794	GEOG 349	UG	Digital Indigenous Studies	<p>(same as PEA_ST 3496). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program.</p>
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Geography	19819	GEOG 349	UG	Digital Indigenous Studies - Honors	<p>(same as PEA_ST 3496H). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program. Prerequisites: Honors eligibility required.</p>
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Geography	20667	GEOG 349	UG	Digital Indigenous Studies - Writing Intensive	(same as PEA_ST 3496). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program.
Geography	18262	GEOG 354	UG	Geographies of Sexualities	(Same as WGST 3540) This class will explore the relationship of sexuality and space. The class will focus on the ways that sexuality creates particular spaces, and the ways that sexuality and space shape one another in the midst of nation, gender, religion, race, class, and generation. Prerequisites: Sophomore standing required.

Geography	6084	GEOG 360	UG	Climates of the World	(same as ATM_SC 3600). A study of the world distribution of climates based on cause and effect" relationships. Special attention is given to the impacts of climate on humanity. Prerequisites: GEOG 1050 or equivalent or graduate standing."
Geography	6045	GEOG 363	UG	Earth Surface Systems	Systematic study of landforms geomorphic processes governing them. Provides a foundation for the theoretical, technical, and practical understanding of environmental systems.
Geography	6079	GEOG 374	UG	Geography and Planning	Emphasis on geographic techniques for gathering and generating environmental information for planners. Principles of land use planning will be applied to selected regions.
Geography	6087	GEOG 376	UG	Geography of the World's Religions	(same as REL_ST 3760). Explores the significance of place in the origin, diffusion, distribution and practice of religions, emphasizing imprints of religion on the cultural landscape and connections between culture, politics, economics, and religion.
Geography	20669	GEOG 376	UG	Geography of the World's Religions - Writing Intensive	(same as REL_ST 3760). Explores the significance of place in the origin, diffusion, distribution and practice of religions, emphasizing imprints of religion on the cultural landscape and connections between culture, politics, economics, and religion.
Geography	6036	GEOG 378	UG	World Political Geography: Patterns and Processes	(same as PEA_ST 3780). Geographic factors in the development of political boundaries traditions, and societal perspectives. Spatial patterns and geopolitical processes are explored in selected regions of the world.
Geography	6062	GEOG 462	UG	Biogeography: Global Patterns of Life	Analysis of the patterns and processes of plant distribution in the contemporary landscape, stressing environmental influences and vegetation dynamics, particularly as they relate to North American vegetation. Recommended: GEOG 2610.

Geography	6119	GEOG 477	UG	Migration and Immigration	Explores demographic, economic, and social issues surrounding immigration and migration. The course focuses on the global labor migration system, immigration to the United States, and internal migration within the US, as well as the linkages between these systems.
Geography	18455	GEOG 479	UG	Geographic Information Systems for the Social Sciences	Designed for social science students interested in learning about the tools available in GIS for linking to and analyzing spatial qualitative data. Uses multiple data sources (qualitative and quantitative), applied within a social context, using spatial investigation procedures to detect geographical trends in data sets. Primary focus is on how GIS can enhance social science research. Prerequisites: juniors and seniors only.
Geography	6064	GEOG 481	UG	Landscape Ecology and GIS Analysis I	(same as NAT_R 4385). Examination of the landscape-scale approach to biodiversity, ecosystem dynamics, and habitat management. Particular emphasis on the use of Geographic Information Systems to analyze the spatial dimension of ecological patterns and processes. Prerequisites: GEOG 3040, or instructor's consent.
Geography	18370	GEOG 485	UG	Transportation Geography	(same as CV_ENG 4155). Introduction to fundamental concepts and modes of analysis in transportation geography. Focus on descriptive, explanatory, as well as normative approaches. Topics reviewed include spatial organization, transportation economics, spatial interaction, network analysis, location/allocation, and urban transportation planning.
Geological Sciences	6136	GEOL 120	UG	Environmental Geology with Laboratory	The interaction between geologic processes and human society. Topics include mineral, water, and energy resources, volcanic hazards, earthquakes, landslides, floods, coastal erosion, pollution problems and environmental management.
Geological Sciences	6137	GEOL 120	UG	Environmental Geology with Laboratory - Honors	The interaction between geologic processes and human society. Topics include mineral, water, and energy resources, volcanic hazards, earthquakes, landslides, floods, coastal erosion, pollution problems and environmental management. Prerequisites: Honors eligibility required.

Geological Sciences	6153	GEOL 211	UG	Introduction to Soil Science with Laboratory	(same as SOIL 2110). Introduction to Soil Science with emphasis placed on physical, biological, and chemical properties and applications to land use, plant growth, and environmental problems with laboratory application of these concepts. Prerequisites: CHEM 1320.
Geological Sciences	6141	GEOL 220	UG	Oceanography	Topics include: history and methods of marine research, properties of seawater, ocean circulation, biological productivity and zonation, origin and classification of marine sediments, character of major coastal and open-ocean environments, economic resources and environmental hazards. Math Reasoning Proficiency Course. Prerequisites: MATH 1100 or equivalent.
Geological Sciences	6267	GEOL 431	UG	Environmental Soil Chemistry	(same as SOIL 4318 and ENV_SC 4318). Study of chemical constituents and processes occurring in soils. Topics include soil minerals and weathering processes, organic matter, solution chemistry, oxidation-reduction reactions and adsorption processes. Prerequisites: SOIL 2100 or GEOL 2400, CHEM 1320 and CHEM 1330. Junior standing or instructor's consent.
Geological Sciences	6213	GEOL 440	UG	Geomicrobiology and Microbial Biogeochemistry	Roles of microbes in a variety of geological settings through time. Microbial roles in degradation of organic pollutants and transformation of toxic metals and radionuclides in contaminated environments. Prerequisites: GEOL 3300 or instructor's consent.
German & Russian Studies	2188	CHINSE 23	UG	Chinese Civilization I	Survey of Chinese culture and arts. No knowledge of Chinese is required. No foreign language credit.
German & Russian Studies	18371	CHINSE 33	UG	Chinese Traditions and Global Integration	Focuses on developments in China's International relations that have led to prominence on world stage, and the impact of modernization and integration into world community on China's sense of national identity, shape of Chinese culture, and lives of the people. Visits to cultural and business sites, guest lectures, and conversations with Chinese people. Prerequisites: Must be enrolled in MU China Study Abroad; sophomore standing required.

German & Russian Studies	19516	CHINSE 33	UG	Chinese Traditions and Global Integration - Honors	Focuses on developments in China's International relations that have led to prominence on world stage, and the impact of modernization and integration into world community on China's sense of national identity, shape of Chinese culture, and lives of the people. Visits to cultural and business sites, guest lectures, and conversations with Chinese people. Prerequisites: Must be enrolled in MU China Study Abroad; sophomore standing required. Honors eligibility required.
German & Russian Studies	2190	CHINSE 33	UG	Chinese Poetry	This is an introductory course to Chinese poetry, both classical and contemporary, in English. It will explore issues in the intercultural and interlingual interpretation of foreign literature through the study of Western translations of and scholarship on selected Chinese poets. Prerequisites: sophomore standing.
German & Russian Studies	19196	CHINSE 34	UG	Negotiating Chinese Culture	As political, business, religious, and personal encounters between Chinese and Americans increase, so also does the need for competence in negotiating these cross-cultural interactions. Whether hosting Chinese guests, visiting China for business or as a scholar, or simply trying to understand current events, a clear understanding of cultural differences and similarities can be quite valuable. Students will be introduced to multiple perspectives on American and Chinese cultural differences along with narratives of cross-cultural experiences. Course address issues related to American and Chinese cross-cultural communication in five spheres of interaction: political, religious, business, interpersonal, education. Through related readings, discussions, and structured conversations with Chinese, students will explore how this information and a deeper understanding of Chinese and American culture can be applied to more fruitful and positive cross-cultural interactions in multiple contexts. Prerequisites: sophomore standing.

German & Russian Studies	6310	GERMAN	UG	German Civilization: Beginning to 1850	Major historical, social, artistic, literary themes from beginnings to end of Revolution of 1848. Films and recordings. May be taken independently of GERMAN 2320. No foreign language credit. Some sections may enforce prerequisite of ENGLISH 1000.
German & Russian Studies	20671	GERMAN	UG	German Civilization: Beginning to 1850 - Writing Intensive	Major historical, social, artistic, literary themes from beginnings to end of Revolution of 1848. Films and recordings. May be taken independently of GERMAN 2320. No foreign language credit. Some sections may enforce prerequisite of ENGLISH 1000.
German & Russian Studies	6312	GERMAN	UG	German Civilization: 1850 to Present	Second Empire, Weimar Republic, Nazi era, two Germanies after 1949. Historical, social, artistic, literary themes. Films and recordings. May be taken independently of GERMAN 2310. No foreign language credit. Prerequisites: some sections may enforce prerequisite of ENGLISH 1000.
German & Russian Studies	20672	GERMAN	UG	German Civilization: 1850 to Present - Writing Intensive	Second Empire, Weimar Republic, Nazi era, two Germanies after 1949. Historical, social, artistic, literary themes. Films and recordings. May be taken independently of GERMAN 2310. No foreign language credit. Prerequisites: some sections may enforce prerequisite of ENGLISH 1000.
German & Russian Studies	6365	GERMAN	UG	After the Fact: Holocaust in Contemporary History, Art & Literature	(same as PEA_ST 3440). Explores responses to the Holocaust from numerous perspectives. Considers how the Holocaust is remembered, memorialized, and debated in a variety of national contexts. Touches on historical, philosophical, and aesthetic points of view. Prerequisites: sophomore standing or instructor's consent.

German & Russian Studies	19318	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as T_A_M 2810, PEA_ST 2810, JOURN 3510, DST 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing or instructor's consent.
German & Russian Studies	19511	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as JOURN 3510H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.
German & Russian Studies	19511	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as JOURN 3510H, T_A_M 2810H, PEA_ST 2810H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.

German & Russian Studies	19511	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as JOURN 3510H, PEA_ST 2810H, T_A_M 3010H, DST 3510H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.
German & Russian Studies	20674	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors/Writing Intensive	(same as JOURN 3510HW, T_A_M 2810HW, PEA_ST 2810HW). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.
German & Russian Studies	20674	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors/Writing Intensive	(same as JOURN 3510HW, T_A_M 3010HW, PEA_ST 2810HW). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent. Honors eligibility required.

German & Russian Studies	20673	GERMAN	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive	(same as T_A_M 2810W, PEA_ST 2810W, JOURN 3510W, DST 3510W). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing or instructor's consent.
German & Russian Studies	19666	GERMAN	UG	Folk and Fairytales in a Global Context	Analyzes the most famous European collection of fairytales, namely the Kinder-und Hausmärchen (Children's and Household Tales) by the Brothers Grimm and juxtaposes them to folktales from other cultures. Looks at the genre of fairytales, studies the historical context of the genesis of the collection of tales, and modern versions of the tales. Compares and contrasts Grimm's fairytales with folktales of different cultural traditions, analyzes and identifies the formal structure of fairytales and motifs, discusses various interpretive models/perspectives and juxtaposes several historical and contemporary literary fairytales and fairytale adaptations. Cultural unit examples will be on Mongolian culture and history and the Maori culture of New Zealand. Students are expected to create their own cultural unit based on the course's units. Course is taught in English. Prerequisites: sophomore standing required. Honors eligibility required.

German & Russian Studies	20675	GERMAN	UG	Folk and Fairytales in a Global Context - Honors/Writing Intensive	<p>Analyzes the most famous European collection of fairytales, namely the Kinder-und Hausmarchen (Children's and Household Tales) by the Brothers Grimm and juxtaposes them to folktales from other cultures. Looks at the genre of fairytales, studies the historical context of the genesis of the collection of tales, and modern versions of the tales. Compares and contrasts Grimm's fairytales with folktales of different cultural traditions, analyzes and identifies the formal structure of fairytales and motifs, discusses various interpretive models/perspectives and juxtaposes several historical and contemporary literary fairytales and fairytale adaptations. Cultural unit examples will be on Mongolian culture and history and the Maori culture of New Zealand. Students are expected to create their own cultural unit based on the course's units. Course is taught in English. Prerequisites: sophomore standing required. Honors eligibility required.</p>
German & Russian Studies	20676	GERMAN	UG	Folk and Fairytales in a Global Context - Writing Intensive	<p>Analyzes the most famous European collection of fairytales, namely the Kinder-und Hausmarchen (Children's and Household Tales) by the Brothers Grimm and juxtaposes them to folktales from other cultures. Looks at the genre of fairytales, studies the historical context of the genesis of the collection of tales, and modern versions of the tales. Compares and contrasts Grimm's fairytales with folktales of different cultural traditions, analyzes and identifies the formal structure of fairytales and motifs, discusses various interpretive models/perspectives and juxtaposes several historical and contemporary literary fairytales and fairytale adaptations. Cultural unit examples will be on Mongolian culture and history and the Maori culture of New Zealand. Students are expected to create their own cultural unit based on the course's units. Course is taught in English. Prerequisites: sophomore standing required.</p>

German & Russian Studies	21086	GERMAN	UG	The History of Blacks in Germany	(same as BL_STU 3605). This course investigates the history of Africans and African Americans in Germany and Central Europe, from Antiquity to today. Special focus on Medieval Africans in Europe, traveling African American intellectuals around 1900, and African American GIs in occupied Germany. This course will challenge your understanding of race and racism.
German & Russian Studies	19650	GERMAN	UG	Case Studies in an Inter/Multicultural World	(same as T_A_M 4810, PEA_ST 4810, DST 4805). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent.

German & Russian Studies	20678	GERMAN	UG	Blogging the World: The Web in Cultural Context - Writing Intensive	(same as FRENCH 4820 and RUSS 4820). Innovative interdisciplinary course addresses issues of access to international news and specific cultural context working in cross-disciplinary teams. Students in journalism, foreign language, international studies, political science and various other disciplines track cultural developments and information on non-US Web sites, blogs and digital social networks along with exploring various historical forms of communication that preceded the digital era of the Web. Students analyze the potential and limitations/ effects of blogs and the web in specific contemporary cultural contexts and as part of the broader historical evolution of the web. The course is taught in English. The goal of this course is two-fold; students learn the particulars of web blogging, explore various features of the contemporary social network landscape while focusing on the concept of culture, in particular the cultures of Europe and the US. Questions asked are: what is culture? What is common or popular right now in other cultures? And how do new social networks amplify or alter certain features or culture across national and international contexts? Prerequisites: sophomore standing required.
German & Russian Studies	7789	JAPNSE 23	UG	Japanese Civilization I	Survey of Japanese culture and arts before 1868. May be taken independently of JAPNSE 2320. No knowledge of Japanese required. No foreign language credit.
German & Russian Studies	7790	JAPNSE 23	UG	Japanese Civilization II	Survey of Japanese culture and arts after 1868. May be taken independently of JAPNSE 2310. No knowledge of Japanese required. No foreign language credit.
German & Russian Studies	7792	JAPNSE 23	UG	The World of Japanese Business	Designed to assist the student to achieve successful business contacts with Japanese counterparts by understanding the characteristics of Japanese business in cultural, economical, and practical contexts and by learning useful Japanese terms and expressions in business. Recommended: sophomore standing.

German & Russian Studies	7795	JAPNSE 38	UG	Japan and its Cinema	Survey and analysis of selected Japanese films from the 1940s to present. Films will be viewed and discussed in terms of history, techniques, artistry, and social impact. English subtitles. No foreign language credit. Prerequisites: sophomore standing or instructor's consent.
German & Russian Studies	20050	KOREAN 1	UG	Survey of East Asian History	(same as HIST 1830)Introductory survey of the history of East Asian countries (China, Korea, Vietnam, and Japan) in the past two thousand years, focusing on their cultural, economic, and political traditions as well as their transformations in the modern era. Graded on A-F basis only.
German & Russian Studies	8190	KOREAN 2	UG	Korean Civilization I	Focuses on understanding traditional Korean people and culture through examining social, political, economic, and belief systems. Considers literature, art, folklore, and history up to the late 19th century. May be taken independently of KOREAN 2320.
German & Russian Studies	8191	KOREAN 2	UG	Korean Civilization II	Considers the situation and culture of Korea at the end of the Chosun Kingdom, and the period of modernization beginning about 1876. Investigates how modernization has changed Korea by looking at attitudes, behaviors, values, philosophies, and trends of Korea in the 20th and 21st centuries. May be taken independently of KOREAN 2310.
German & Russian Studies	8196	KOREAN 2	UG	Study Tour of Korea	Study tour allows students to experience firsthand important cultural, historical, and education aspects of Korea. Visit key landmarks, museums, and other sites. Provides information and insight needed to cultivate greater understanding of Korea. Graded on A-F basis only.

German & Russian Studies	20170	KOREAN 2	UG	History of Korea: Premodern to Hypermodern	(same as HIST 2810). This course examines Korea historically. The area known as Korea and the people identified as Korean are considered temporally from the ancient times to the contemporary period. This course begins with the questions of what is Korea and when it became a distinct place in world history. More time is devoted to the contemporary period than other periods, and North Korea is equally considered with South Korea. This course is not only about what happened in Korea but also about how Korea's historical events are causally connected to world events, with the greater aim of universalizing Korea's historical questions.
German & Russian Studies	20068	KOREAN 3	UG	The Korean Peninsula in World Affairs: Political, Economic, and Cultural Forces	Designed as interdisciplinary introduction to Korean politics, public policy, economics, and society, paying special attention to the government and politics of South Korea. The Korean peninsula (South and North Korea) has important implications for U.S. foreign policy toward East Asia. Surrounded by Russia, China, and Japan, the Korean peninsula long been regarded among social scientists as one of major regional cases that informs the broader theoretical debate on political and economic issues including democratization, civil society, economic development, and security. Course aims to provide students with the information necessary to understand and analyze modern South and North Korea, and discuss the future of the two Koreas as well as of U.S. foreign policy toward Korea. Prerequisites: sophomore standing.

German & Russian Studies	19422	KOREAN 3	UG	Religion and Culture in Modern Korea	Survey of religious traditions and culture in Korea within a broader context of world religions: Shamanism, Buddhism, Confucianism, and Christianity, as well as new religions that have sprouted since the late nineteenth century. Intended to help students understand how religious values, ideas and practices have been integrated into the modern contemporary Korean society and culture. Discussion of how religious traditions in Korea have interacted with each other and culture. No knowledge of Korean language or culture or history required. Prerequisites: sophomore standing or instructor's consent.
German & Russian Studies	8197	KOREAN 3	UG	Korean Society Through Cinema	(same as FILM_S 3895). Examines the way in which Korean film reveals the cultural, political, and ideological orientation of the society in which it is created and circulated. Compares films from North and South Korea, considering modernity, gender, nation-hood, and class. Graded on A/F basis only. Prerequisites: sophomore standing.
German & Russian Studies	19425	KOREAN 4	UG	The Korean Diaspora in the U.S., Japan and China	Interdisciplinary course related to the phenomenon of migration and settlement from Korea. Course seeks to deepen understanding of the ways in which Korean immigrants have shaped and continue to shape social thought as well as institutions in the United States, Japan and China. Draws upon literature, history and cultural studies to examine experiences of Koreans living in the U.S., Japan and China. Through reading critical literatures, students address issues such as immigration history, race/ethnicity, racism and resistance, gender and sexuality, culture and identity, labor, migration and globalization, class, education, religion. Prerequisites: sophomore standing or instructor's consent required.
German & Russian Studies	13178	RUSS 231	UG	Between Heaven and Earth: Russian Civilization	Survey of Russian culture from the Christianization of the Slavic peoples to late imperial period. No foreign language credit.

German & Russian Studies	20891	RUSS 231	UG	Between Heaven and Earth: Russian Civilization - Writing Intensive	Survey of Russian culture from the Christianization of the Slavic peoples to late imperial period. No foreign language credit.
German & Russian Studies	13181	RUSS 232	UG	The Arts of Survival: Civilization in Soviet Times	Historical, social, and artistic topics. No foreign language credit.
German & Russian Studies	20892	RUSS 232	UG	The Arts of Survival: Civilization in Soviet Times - Writing Intensive	Historical, social, and artistic topics. No foreign language credit.
German & Russian Studies	13180	RUSS 233	UG	Russia and America as Comparative Civilizations	Analyzes similar developments in the arts, architecture, literature, and film of Russia and America.
German & Russian Studies	13182	RUSS 254	UG	Monks, Martyrs, Holy Fools: The Image of Ste. in Russian Tradition	Intended to introduce students to the history of the hagiographic tradition and its impact upon Russian culture. Traces the Russian understanding and concepts of saints and saintliness, interpretations in Russian literature, expressions in art, architecture, and music.
German & Russian Studies	13183	RUSS 255	UG	Russian Mythology	Exploring the concept of mythology using examples from Russian culture, the course rests on a very broad conception of myth: an entity (story, painting, historical episode, etc.) that exists in a culture's past but is felt as a continuing presence. This way of framing the issues will allow us to discuss questions of cultural history that will retain their significance long after students leave the course.
German & Russian Studies	19382	RUSS 338	UG	Sinners, Saints, and Madmen: 19th Century Russian Literature	Introduction to foundational periods (Sentimentalism, Romanticism, Realism and its decline), narratives, and authors of 19th century Russian literary tradition. Traces development of the Russian" short story and novel forms, as well as the all-important "Petersburg" theme. Prerequisites: ENGLSH 1000; sophomore standing or instructor's consent.."

German & Russian Studies	18377	RUSS 387	UG	Russian Women and Film	<p>(same as FILM_S 3870 or WGST 3870). Traces image(s) of the Russian woman in 20th-century Russia as constructed in Russian, Soviet and late-Soviet film. Discusses heroines of pre-revolutionary melodrama and new Soviet man and woman" of the 20s. Considers war-time re-alignment of gender roles in defense of motherland and their subtle revamping in post-war and post-Stalinist period, and the shifting relations between women and men, women and women, and women and the State. Emphasizes cultural-historical and ideological status of women as reflected in onscreen image(s) in Russian film. Designed to serve as an introduction to film studies and to 20th-century Russian culture more generally. Conducted in English (all films have English subtitles). Prerequisites: sophomore standing or instructor's consent."</p>
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German & Russian Studies	20898	RUSS 482	UG	Blogging the World: The Web in Cultural Context - Writing Intensive	(same as GERMAN 4820, FRENCH 4820). Innovative interdisciplinary course addresses issues of access to international news and specific cultural context working in cross-disciplinary teams. Students in journalism, foreign language, international studies, political science and various other disciplines track cultural developments and information on no-US Web sites, blogs and digital social networks along with exploring various historical forms of communication that preceded the digital era of the Web. Students analyze the potential and limitations/ effects of blogs and the web in specific contemporary cultural contexts and as part of the broader historical evolution of the web. The course is taught in English. The goal of this course is two-fold; students learn the particulars of web blogging, explore various features of the contemporary social network landscape while focusing on the concept of culture, in particular the cultures of Europe and the US. Questions asked are: what is culture? What is common or popular right now in other cultures? And how do new social networks amplify or alter certain features or culture across national and international contexts? Prerequisites: sophomore standing required.
H S Truman School of Pub Affrs	20442	PUB_AF 4	UG	Social Entrepreneurship	(cross-leveled with PUB_AF 7700). This course will help illustrate social entrepreneurship in a broad sense and understand how it differs from entrepreneurship as understood in the private sector, social innovation and social enterprise. Graded on A-F basis only.

Health Psychology	20392	HLTHPSYC	UG	Applied Behavior Analysis and Autism	Students will learn the behavioral principles and techniques currently employed to help children with autism acquire functional language, appropriate social behavior, and general academic and living skills as well as decrease problematic behaviors. The objectives of this course are to: 1) To identify and describe key features of applied behavior analysis (ABA), particularly as it applies to intervention for children with autism. 2) To identify and describe key issues in curricular design, program development, and evidence-based interventions in autism. 3) To become familiar with key outcome research in behavioral interventions for children with autism. 4) To become familiar with key research on language, social skills, self-help skills, and problem behavior reduction as these areas relate to the behavioral treatment of autism. Graded on A-F basis only.
Health Sciences	17788	HLTH_SCI	UG	Public Health Principles, Practice, and Education	Public Health is the science and practice of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. This course focuses on the basic structures of the Public Health system in the U.S. and provides an introduction to the factors that influence and shape that system. Among others, factors include socioeconomic, financing, politics and global issues. Students in this course will be challenged to consider the complex web of factors affecting the health of communities. The course will explore: health needs assessments, examining relationships among behavioral, environmental and genetic factors that enhance or compromise health, examining factors that influence the learning process, and examining factors that enhance or compromise the process of health education. Graded on an A-F basis only. Prerequisites: Restricted to Health Sciences Majors during pre-registration.

Health Sciences	19620	HLTH_SCI	UG	Public Health Principles, Practice, & Education - Honors	Public Health is the science and practice of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. This course focuses on the basic structures of the Public Health system in the U.S. and provides an introduction to the factors that influence and shape that system. Among others, factors include socioeconomic, financing, politics and global issues. Students in this course will be challenged to consider the complex web of factors affecting the health of communities. The course will explore: health needs assessments, examining relationships among behavioral, environmental and genetic factors that enhance or compromise health, examining factors that influence the learning process, and examining factors that enhance or compromise the process of health education. Graded on an A-F basis only. Prerequisites: Honors eligibility required.
Health Sciences	20714	HLTH_SCI	UG	Public Health Principles and Practice - Writing Intensive	Public Health is the science and practice of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. This course focuses on the basic structures of the Public Health system in the U.S. and provides an introduction to the factors that influence and shape that system. Among others, factors include socioeconomic, financing, politics and global issues. Students in this course will be challenged to consider the complex web of factors affecting the health of communities. The course will explore: health needs assessments, examining relationships among behavioral, environmental and genetic factors that enhance or compromise health, examining factors that influence the learning process, and examining factors that enhance or compromise the process of health education. Graded on an A-F basis only. Prerequisites: Restricted to Health Sciences Majors during pre-registration.

Health Sciences	21089	HLTH_SCI	UG	Social and Behavioral Health Theory and Practice	Social and Behavioral Health (SBH) is the core discipline of public health that focuses on the factors that influence individuals' and communities health actions and decisions. This course will take both a theoretical and a practical approach to understanding SBH. Students will gain an understanding of theory and develop practical skills to apply theories to real world health issues. Readings, assignments, and discussions will focus largely on ways to understand and change health behaviors and various individual, relational, community, and social-level influences on health. Graded on A-F basis only. Prerequisites: Restricted to Health Sciences Majors during pre-registration. Sophomore standing required.
Health Sciences	18569	HLTH_SCI	UG	Global Health	(same as PEA_ST 3401). An introduction to public health in a global context, with an emphasis on understanding how disparities in socioeconomic status, differences in political and national health care systems and the work of international organizations impact health in communities around the world. Graded on A-F basis only. Prerequisites: Restricted to Health Sciences Majors during preregistration.
Health Sciences	18569	HLTH_SCI	UG	Global Public Health and Health Care Systems	(same as PEA_ST 3401). An introduction to public health in a global context, with an emphasis on understanding how disparities in socioeconomic status, differences in political and national health care systems and the work of international organizations impact health in communities around the world. Graded on A-F basis only. Prerequisites: Restricted to Health Sciences Majors during preregistration.
Health Sciences	19032	HLTH_SCI	UG	Mental Health	This course provides a look at mental health problems with regard to influences, etiology, diagnosis, and treatment. Students learn theories of mental health, diagnostic criteria, treatment modalities, and community issues concerning the mental health system. Graded on A-F basis only. Prerequisites: HLTH_SCI 2100.

Health Sciences	21184	HLTH_SCI	UG	Health Promotion Programs II: Implementation, Evaluation, and Communication	This course builds on topics covered in Health Promotion Programs I: Assessment and Planning. It will provide a comprehensive introduction to the implementation, evaluation and communication required for successful health promotion programs by integrating a solid theoretical foundation of the discipline with hands-on experience in the implementation of health promotion program, developing an evaluation and communication strategies for successful health education and health promotion programs in a variety of community-based settings. Graded on A-F basis only. Prerequisites: Restricted to Health Sciences Majors only. Corequisites: HLTH_SCI 3600.
Health Sciences	18818	HLTH_SCI	UG	Culture and Health Literacy for the Health Professions	This course will explore differences and attitudes towards the health care industry across various social, cultural and ability groups. This exploration will result in more culturally competent health professionals by promoting self-awareness and challenging the existing assumptions and biases of the health care system. Prerequisites: junior or senior standing or instructor's consent.
Health Sciences	19145	HLTH_SCI	UG	Humanism and Health Literacy	This class will teach how the humanities can help students become better health professionals. Topics include: spirituality and health; non-medical factors that impact health; representation of disability in art history; and literature and health. Graded on A-F basis only. Prerequisites: Restricted to Health Sciences Majors during pre-registration.
History	6605	HIST 1100	UG	Survey of American History to 1865	Introduction to U.S. history through the Civil War, surveying political, economic, social and cultural development of the American people. No credit will be given to students who have received credit in HIST 1400 (AP credit for US History).

History	6606	HIST 1100	UG	Survey of American History to 1865 - Honors	Introduction to U.S. history through the Civil War, surveying political, economic, social and cultural development of the American people. No credit will be given to students who have received credit in HIST 1400 (AP credit for US History). Prerequisites: Honors eligibility required.
History	6607	HIST 1200	UG	Survey of American History Since 1865	Introduction to U.S. history since 1865, surveying political, economic, social, and cultural development of the American people. No credit will be given to students who have received credit in HIST 1400 (AP credit for US History).
History	6608	HIST 1200	UG	Survey of American History Since 1865 - Honors	Introduction to U.S. history since 1865, surveying political, economic, social, and cultural development of the American people. No credit will be given to students who have received credit in HIST 1400 (AP credit for US History). Prerequisites: Honors eligibility required.
History	6598	HIST 1400	UG	American History	Broad survey of political, economic, social, intellectual, diplomatic and constitutional development of American people from first English settlements to present day; emphasizes evolution of American culture and institutions. Students may not receive additional credit for HIST 1100 and/or HIST 1200.
History	6648	HIST 1410	UG	African American History	(same as BL_STU 1410). Survey of social, political and economic development to the African American people in American life from 1619 to the present.
History	6581	HIST 1500	UG	Foundations of Western Civilization	Development of characteristic ideas and institutions of Western cultural tradition, from origin of civilization in ancient Near East to beginning of rapid social, political, intellectual transformation of Europe in 18th century.
History	6582	HIST 1500	UG	Foundations of Western Civilization - Honors	Development of characteristic ideas and institutions of Western cultural tradition, from origin of civilization in ancient Near East to beginning of rapid social, political, intellectual transformation of Europe in 18th century. Prerequisites: Honors eligibility required.

History	20955	HIST 1510	UG	History of Modern Europe - Honors/Writing Intensive	Selected major themes in European history from French Revolution to recent times. Breakdown of traditional institutions, ideas; political, social revolution; industrialization, nationalism, imperialism, world wars; democratic, totalitarian ideologies, movements; quest for international order, European unity. Prerequisites: Honors eligibility required.
History	6616	HIST 1520	UG	The Ancient World	Survey of institutional and cultural development of ancient Near East, Greece, Rome, and Asia.
History	6623	HIST 1550	UG	Britain 1688 to the Present	Surveys British history from 1688 to present. Emphasizes social and economic change.
History	6635	HIST 1580	UG	History of Christianity	Origin, diffusion and development of Christianity, with special attention to its influence on Western civilization. Major emphasis on period up to French Revolution.
History	6637	HIST 1590	UG	Women and the Family in the Pre-Modern West	Examines the changing roles of women and familial structures from the Ancient Mediterranean World to the Protestant Reformation and the effects of religious, political and economic change on the family.
History	19311	HIST 1790	UG	History of Early Africa	(same as BL_STU 1790). This course introduces students to the early history of Africa. It focuses on political, social, economic and cultural developments based on primary and secondary sources available in print and online.
History	6651	HIST 1810	UG	History of South Africa	(same as BL_STU 1810). Surveys the social, cultural and economic dynamics of South African society from the 16th century to the present with an emphasis on the last two centuries and the consolidation of the apartheid state.
History	6667	HIST 1830	UG	Survey of East Asian History	(same as KOREAN 1830). Introductory survey of the history of East Asian countries (China, Korea, Vietnam, and Japan) in the past two thousand years, focusing on their cultural, economic, and political traditions as well as their transformations in the modern era.

History	18016	HIST 1860	UG	History of Ancient India	(same as S_A_ST 1860). This course surveys the history of South Asian history. The course begins with the Indus Valley Civilization (fl. 2600-1900B.C.) and ends with an analysis of Islamic impact on India culture around 1200-1350. Emphasis will be placed on cultural and social history, religion, arts and literature, and the sources used for the study of premodern civilizations. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
History	18151	HIST 1861	UG	History of Modern India	(same as [S_A_ST 1861). This course surveys the history of the South Asian subcontinent from the early seventeenth through the twentieth century. Emphasis will be placed on cultural and social history, religion, arts and literature, imperialism and colonialism, and the sources used for the study of modern civilizations. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
History	18907	HIST 1862	UG	History of India: 1000-1750	(same as [S_A_ST 1862). This course surveys the history of the South Asian subcontinent from the eleventh through mid-eighteenth centuries. Emphasis will be placed on cultural and social history, religion, arts and literature, and the sources used to study civilization. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
History	18607	HIST 1870	UG	Imperial China: China to 1600	This course offers a broad introduction to Chinese history and culture from antiquity up to the later imperial period (around 1600). It is designed to provide the student with an understanding of the historical development of China's culture, economic, political, and intellectual traditions.

History	20359	HIST 2100	UG	The Revolutionary Transformation of America - Honors	In the broadest of terms, this is a course on origins. On one hand, we will devote significant class time to discussing the causes which impelled" the colonies to throw off the yoke of British rule. We will examine this on both a practical and a more abstract level, focusing first on writings that delineate why colonists grew to perceive the economic, social, and political conditions of British rule as insufferable, and then on how they translated these practical concerns into a more ideological justification of violent revolution. Prerequisites: Honors eligibility required."
History	21107	HIST 2150	UG	The American Civil War: A Global History	In this class students will study the American Civil War from the perspective of global history. The familiar actors and events will be covered - the debate over slavery, the secession of the South, the rise of Abraham Lincoln, the great battles and generals, etc. But these familiar episodes will take on different meanings when viewed in relation to global structures of politics, economics, social relations, and ideology. The 1860s was at once a formative moment in the history of globalization and the key decade for the formation and consolidation of modern nations.
History	6734	HIST 2220	UG	America in the 1960's	(same as PEA_ST 2220). Examines the political and cultural main currents of the 1960s. Emphasizes the challenges mounted by protest groups and the responses of America's political leadership to the ferment of the period.
History	6704	HIST 2400	UG	Social History of U.S. Women	(same as WGST 2400). This course, the social History of US Women, offers a general overview of US Women, beginning with the colonial period up to the present day.

History	20070	HIST 2445	UG	American Constitutional Democracy	(same as POL_SC 2445). This course offers an introduction to American constitutional democracy. On the one hand, this course will strive to set the development of America's constitutional democracy into its historical context and to explain it in relation to larger social, political, military, and economic events. A second emphasis is on the nature and character of the American democratic system. Graded on A-F basis only.
History	6705	HIST 2520	UG	From Waterloo to Sarajevo: European History, 1815-1914	Political, social, economic, and cultural development of Europe from French Revolution to outbreak of World War I. Prerequisites: sophomore standing required.
History	20694	HIST 2520	UG	From Waterloo to Sarajevo: European History, 1815-1914 - Writing Intensive	Political, social, economic, and cultural development of Europe from French Revolution to outbreak of World War I. Prerequisites: sophomore standing required.
History	6713	HIST 2530	UG	Ukrainian History from Medieval to Modern Times	A successor state of the former Soviet Union, Ukraine occupies a strategic position in Eastern Europe. The course will trace the long, turbulent history of this East Slavic nation, culminating the independence in 1991.
History	20174	HIST 2580	UG	Mafia Myth and Reality: The Italian Mafia and the Nation-State, 1860 to the Present	This course explores contemporary cultural representations of the Mafia in film and literature and grounds these fictional representations in the history of modern Italy. We trace the emergence of the various Mafia networks during the wars of the Risorgimento and the construction of the southern "problem", and the impact transnational Italian migration, the rise of Fascism and the postwar reconstruction had on the form and function of these networks."
History	6708	HIST 2610	UG	Medieval Christianity	(same as REL_ST 2610). Study of the doctrinal developments, major theologians and schools, institutional formation and dissolution, mysticism, and liturgical expression within the context of cultural and political history. Beginning with Augustine and concluding with the 15th century. Prerequisites: REL_ST 2600

History	19499	HIST 2630	UG	History of Christian Traditions	(same as REL_ST 2630). An overview of the origins and development of Christianities from the first century of the Common Era to the present day. Topics will include competing Christian theologies, colonialism, conversion narratives, globalization, religious violence, and heresy.
History	20853	HIST 2820	UG	Taiwan: The First Chinese Democracy	This course is an introduction to the history of Taiwan, from the seventeenth century to the present day. This course examines historical development leading to the contemporary situation. It problematizes the notion that democracy is not suitable for Chinese society. ""
History	19924	HIST 2904	UG	Black Studies in Slavery and Freedom	(same as BL_STU 2904). This course provides study of historical background, economic, political and social implications of slavery and freedom in the African Diaspora (Americas, Africa, Europe, Asia) as well as the legal and extralegal struggles for and meaning of (global, local, and national) freedom.
History	6721	HIST 3000	UG	History of Religion in America to the Civil War	(same as REL_ST 3000). Studies major American religious traditions from the Age of Discovery to the Civil War, especially the evolution of religious practices and institutions and their influence upon American social, intellectual and political developments. Prerequisites: sophomore standing.
History	19119	HIST 3010	UG	Colonial America	This course will examine major colonial American events from a cultural history standpoint. We will explore the ways in which the famous and not so famous shaped and were shaped by events of the seventeenth and eighteenth centuries and how these people understood the changing meaning of American liberty.
History	6724	HIST 3200	UG	Black Freedom Movement, 1955-1973	(same as BL_STU 3200). Examines the dismantling of American apartheid and its transformation into a new racial control system. It also explores how and why the Civil Rights Movement was converted into a struggle for Black Power.

History	6723	HIST 3210	UG	History of Religion in Post-Civil War America	(same as REL_ST 3210). Surveys major American religious traditions from 1865 to the present. Focuses on the evaluation of religious practices and institutions and their interaction with and influence upon American social, intellectual and political developments.
History	18153	HIST 3230	UG	Individualism and Success in Modern America, 1830-Present	This course explores changing notions of individualism and success in American culture during the 19th and 20th centuries. Standards defining achievement, gain, and happiness for the individual citizen have evolved over time, and we will examine a wide variety of sources - advice literature, essays, novels, historical texts, plays and movies, political and religious texts, social criticism - to analyze this broad evolution. The resulting insights into a variety of historical issues and values, problems and possibilities, promise to forge a deeper understanding of what it has meant to be a successful individual in the United States over the last two hundred years.
History	6719	HIST 3400	UG	Religious Biography: Black Religion	(same as BL_STU 3590). Studies black American religion through the biographies of representative and influential figures of the 19th and 20th centuries, including Nat Turner, W.E.B. Du Bois, and Marcus Garvey, M.L. King, Malcolm X.
History	19773	HIST 3485	UG	The United States and the Middle East	This course will explore the history of American relations with the Middle East. How have U.S. Policy-makers defined American interests in this region? How have they sought to protect and advance those interests? We will consider the cultural stereotypes and assumptions Americans have brought to their relations with the Middle East, and the images of the Middle East that have been projected in American popular culture. Finally, we will explore the ways in which the current political situations in the Middle East reflects the results of past U.S.
History	6697	HIST 3510	UG	The Ancient Greek World	Political and social institutions, intellectual life of Greek city-states to time of Alexander.

History	20304	HIST 3515	UG	Egypt From Alexander the Great to Cleopatra	This course deals with the history of Egypt under the Ptolemaic dynasty (323-30 BC) of the Hellenistic period. Its main focus is political and military history, but various social and economic aspects of Egyptian society, as well as the infamous Ptolemaic bureaucracy, are considered, as well as the literary and scientific output of scholars at Alexandria, the intellectual center of the Hellenistic world.
History	6760	HIST 3530	UG	The Hellenistic World: From Alexander to Rome	The achievements of Alexander the Great; political, social, economic development of Hellenistic kingdoms from his death to 31 B. C.
History	6715	HIST 3540	UG	20th Century Europe	Political, social, and economic development of Europe from 1900 to the present, with emphasis on the period between the two world wars.
History	20696	HIST 3540	UG	20th Century Europe - Writing Intensive	Political, social, and economic development of Europe from 1900 to the present, with emphasis on the period between the two world wars.
History	6673	HIST 3550	UG	The Origins of Scientific Thought	This course will trace the evolution of Western science from its Egyptian-Babylonian roots to the Copernican Revolution" of the mid-sixteenth century. Prerequisites: sophomore standing."
History	6718	HIST 3580	UG	Modern Italy, 1815 to the Present	Political, cultural and social history of Italy since 1815. Looks at how Unification, World War, Fascism, the Cold War, Student protests, the women's movement and the end of the USSR shaped contemporary Italy.
History	6745	HIST 3590	UG	The Early Middle Ages	This course will focus on the social, political, economic, and cultural development of Europe from roughly 300 to 1050. Prerequisites: sophomore standing.
History	6746	HIST 3600	UG	The Later Middle Ages	This course will focus on the social, political, economic, and cultural development of Europe from roughly 1050 to 1500. Prerequisites: sophomore standing
History	19502	HIST 3624	UG	Comparative Approaches to Black Studies in History	(same as BL_STU 3624). Comparative approach to the study of Black Diaspora history that focuses on the theory, method, structure, and application of modes of cultural production within the history of Black Diaspora cultures. Program consent for repetition.

History	20697	HIST 3624	UG	Comparative Approaches to Black Studies in History - Writing Intensive	(same as BL_STU 3624). Comparative approach to the study of Black Diaspora history that focuses on the theory, method, structure, and application of modes of cultural production within the history of Black Diaspora cultures. Program consent for repetition.
History	6659	HIST 3820	UG	Twentieth Century China	History of China from Nationalist Revolution of 1911 to present. A problem-oriented course: special emphasis on Mao and Maoist ideology, social, literary and cultural history also receive attention.
History	6728	HIST 3830	UG	Chinese Women's History	Historical analysis of Chinese women in family, community, ideology, and national politics from the Late Imperial period to the present.
History	6889	HIST 3850	UG	Islam and the West	(same as PEA_ST 3850). This course provides a historical intellectual context for the raging debate on Islam and the West. It will discuss how Muslims conceived and reacted variously to the political and cultural challenge the West posed in the nineteenth and twentieth century. It will focus on the discourse on the reception of modernization in Islam. It will highlight the political and cultural energies invested by various Muslim elite communities to distinguish between modernization and Westernization. Islamic fundamentalism, the dominant Islamic expression of our time, will be usefully discussed in the context of this debate and praxis about modernization, authenticity, and Westernization. Prerequisites: junior/senior standing.
History	6884	HIST 3870	UG	Social Revolution in Latin America	(same as PEA_ST 3870 and SOCIOL 3870). Twentieth century social revolutions in selected Latin American countries.
History	6872	HIST 3880	UG	History of Caribbean America	Comparative regional study of insular and mainland Caribbean nations. Emphasis on modern period. Independence; abolition of slavery; U.S. hegemony; economic, social, and political upheaval.

History	6824	HIST 4000	UG	Age of Jefferson	Political, constitutional, cultural, and economic developments in United States during formative period of Republic, 1787-1828. Special attention to Constitutional Convention, formation of national political institutions.
History	18610	HIST 4010	UG	The Age of Jackson	This course will examine American Politics, society and culture in the 1820's, 1830's, and 1840's. Considerable attention will be devoted to Andrew Jackson himself, as a figure who both shaped and represented his era, for better or worse.
History	6859	HIST 4040	UG	Houses Divided: Society and Politics in the Civil War Era	(same as BL_STU 4040). Houses Divided: Society and Politics in the Civil War Era examines the sectional crisis, the Civil War and Reconstruction through the lens of divided households. Considers the experience of soldiers and civilians, women and men, slaves and freed people.
History	6859	HIST 4040	UG	Slavery and the Crisis of the Union: The American Civil War Era	(same as BL_STU 4040; cross-leveled with HIST 7040). This class explores the history of the Civil War era, a transformative moment in both U.S. and world history. Our goal is to explore and answer a number of questions of great historical significance: How and why did slavery persist in an age of liberal democracy? Why did the pre-war Union prove unable to tolerate the plural visions and diverse institutions of its people? Was the descent into war more a measure of institutional weakness than of the intensity of moral conflict? What were the constituent elements of the competing wartime 'nationalisms' that evolved in both north and south? How and why did a war that began to restore the Union become one for emancipation? How was it the forerunner of modern, 'total' warfare? Did the governmental, socio-economic and racial changes wrought by war constitute a 'second American revolution'? Were the limits or the achievements of post-war Reconstruction more notable? And, last but certainly not least, how did the triumph of the Union condition the political and economic development of a rapidly globalizing world?

History	6835	HIST 4100	UG	American Cultural and Intellectual History to 1865	Origins and growth of American values and ideas considered in their social context. Topics include: the work ethic, republican politics, revivalism, reform movements, sexual attitudes, literature in the marketplace, Afro-American and slave-holding subcultures.
History	6838	HIST 4200	UG	American Cultural and Intellectual History Since 1865	Tensions and transformations in American culture to the present. Topics include: spiritual crisis in Christianity; rise of welfare state liberalism; socialist and feminist alternatives; literature and the arts.
History	6846	HIST 4210	UG	Origins of Modern America, 1877-1919	Political, social, economic, and intellectual evolution of America into a modern society, 1877-1918.
History	6848	HIST 4220	UG	U.S. Society Between the Wars 1918-1945	Detailed examination of American history from end of World War I to end of World War II.
History	6892	HIST 4270	UG	African-Americans in the Twentieth Century	(same as BL_STU 4270). Surveys the African-American experience from 1900 to the present. Attention is given to economic, political, social, and cultural trends.
History	18378	HIST 4310	UG	Adoption, Child Welfare and the Family, 1850-Present	(same as WGST 4310; cross-leveled with HIST 7310 and WGST 7310). This interdisciplinary U.S. history course will address topics such as: changing legal and social meaning of adoption since 1850; historical connections between adoption and poverty, family, gender race, sexuality, class, fertility, identity; and more recent issues such as transnational adoption.
History	6832	HIST 4410	UG	Introduction to U.S. Social History	Study of daily life and the ways ordinary Americans experienced historical change. Considers such topics as work, leisure, family and community. Compares how people's experiences varied by region, class, gender, ethnicity, and race.
History	6856	HIST 4430	UG	The Great West in American History	Historical development of major regions, with emphasis on response to environment, public land policy, role of government in economic and resource development, citizen action, and cultural pluralism.

History	16350	HIST 4480	UG	War Crimes and Genocide	(same as PEA_ST 4480). This course will explore the development of international law, international consciousness, and U.S. Foreign policy on the two distinct but often related issues of war crimes and genocide during the late 19th and throughout the 20th centuries.
History	6771	HIST 4530	UG	The Roman Empire	Roman imperialism; management of, and rebellion in, the Empire; cultural exchange between Rome and its provinces.

History	20456	HIST 4535	UG	Monastic Worlds	(same as REL_ST 4535, MDVL_REN 4535; cross-leveled with REL_ST 7535, MDVL_REN 7535). Monastic Worlds is an experiential learning course designed to serve as a Humanities Field School in medieval and early modern studies. It will be taught by faculty from UMKC and UMC through the Intercampus Course Sharing initiative. The class introduces students to humanities research methodology and the religious history and culture of premodern Europe and the contemporary Midwest by using the monastic communities as a focal point to learn about musicology, history, art history, literature, and religion. Following two weeks of online course modules, students will travel to the Benedictine communities of Conception Abbey in Conception, Missouri and Mount Saint Scholastica's in Atchison, Kansas, for additional face-to-face classes and research projects. On-site, students will participate in communal living and attend face-to-face classes on the historical and cultural worlds of medieval and early modern Europe. They will practice ethnography through observation of and participation in communal life of prayer, study, book production, and labor. Students will also have the opportunity to work with the manuscripts and rare books owned by these communities and visit the largest reliquary collection in North America, housed at the nearby Benedictine community of the Sisters of Perpetual Adoration in Clyde, MO. This course has an associated fee. Contact teaching faculty for this year's fee details. Graded on A/F basis only.
History	6773	HIST 4540	UG	The Later Roman Empire	Political, religious and cultural life in Late Antiquity, from the soldier emperors," to the barbarian kingdoms and early Byzantium."
History	6776	HIST 4550	UG	Age of the Vikings	Scandinavia and Scandinavian expansion in the Central Middle Ages. Covers political, economic, religious, and cultural effects of the Viking movement. Prerequisites: junior standing required. Recommended: HIST 1500, HIST 1540, HIST 1600 or HIST 2560.

History	20702	HIST 4550	UG	Age of the Vikings - Writing Intensive	Scandinavia and Scandinavian expansion in the Central Middle Ages. Covers political, economic, religious, and cultural effects of the Viking movement. Prerequisites: junior standing required. Recommended: HIST 1500, HIST 1540, HIST 1600 or HIST 2560.
History	6782	HIST 4570	UG	Intellectual History of Europe, 17th and 18th Centuries	The Enlightenment's attack on traditional Christian thought and values. Prerequisites: junior standing.
History	6784	HIST 4580	UG	The "Making" of Modern Europe: Identity, Culture, Empire	(cross-leveled with HIST 7580). This course will explore some of the ideas, institutions and events that shaped modern Western civilization and thought, focusing on Western Europe, but also giving attention to the relationship between the West and the rest of the world. The course will introduce topics such as the rise of, nationalism, the cult of science, scientific racism and sexism, consumer mass culture, fascist ideology, existentialism, psychoanalysis, the modern city, gender and sexuality. Prerequisites: junior standing.
History	20014	HIST 4585	UG	Rome from Fascism to Liberation, 1922-1944	In this course we will explore the history of Fascism and German occupation in Italy through the city of Rome. We will study how fascism remade Rome, the arrival of the Germans, the history of the Jewish community and the deportations and the resistance.
History	6789	HIST 4590	UG	Stuart England	Treatment of period covering social, political, religious, imperial development.
History	6792	HIST 4600	UG	English Legal and Constitutional History	Development of English institutions; chief emphasis on their relation to general social, economic backgrounds.
History	6795	HIST 4610	UG	Early Modern Britain, 1450-1688	Study of English politics, society, economy, culture, and religion during primarily the Tudor and Stuart eras, from the establishment of the Tudor dynasty (1485) through the Glorious Revolution. Emphasis on social and religious history. Prerequisites: sophomore standing.
History	6787	HIST 4620	UG	Modern England	Surveys British history in the 18th and 19th centuries. Emphasizes social and economic change.

History	6798	HIST 4630	UG	The Age of the Renaissance	Major changes in European economic, social, political, religious, and intellectual life between 1250-1500. Humanism and Renaissance. The Renaissance problem".
History	6800	HIST 4640	UG	The Age of the Reformation	State of Europe about 1500. Political, diplomatic, social, and intellectual changes to 1648. Humanistic reform movements. Protestant-Catholic Reformation. Development of the modern state and international relations.
History	6804	HIST 4650	UG	Revolutionary France, 1789-1815	Revolutionary upheavals of the revolutionary-Napoleonic era, which destroyed traditional French society and laid the basis for modern France. Prerequisites: junior standing.
History	6806	HIST 4660	UG	European Women in the 20th Century	(same as WGST 4660). Examines the history of European women from World War I to the present. The course focuses on wars, migration, and the changing nature of family, work and community. Prerequisites: junior standing.
History	6808	HIST 4670	UG	From the Holy Roman Empire to the First World War: German History, 1750-1918	(cross-leveled with HIST 7670). Cultural, social and political history of Central Europe from 1800 to 1914. A case study in incomplete modernization, focused on industrialization, unification, cultural crisis and imperialism.
History	20703	HIST 4670	UG	From the Holy Roman Empire to the First World War: German History, 1750-1918 - Writing Intensive	(cross-leveled with HIST 7670). Cultural, social and political history of Central Europe from 1800 to 1914. A case study in incomplete modernization, focused on industrialization, unification, cultural crisis and imperialism.
History	6810	HIST 4680	UG	From the Rise of the Nazis to the Fall of the Wall: German History in the Twentieth Century	(cross-leveled with HIST 7680). Cultural, social and political history from 1914 to present day. Focus on world wars, national socialism, the holocaust, the cold war and the emergence of East and West Germany.
History	6812	HIST 4690	UG	Modern France 1815 to Present	Principal social, economic, and political developments in modern French history from the restoration to the present day. Prerequisites: junior standing.

History	6820	HIST 4710	UG	The Russian Revolution	Analyzes the transformation of Russian society that produced the collapse of autocracy, efforts to create a parliamentary government, the Bolshevik seizure of power in 1917, and the civil war that followed.
History	6662	HIST 4800	UG	Modern Japan and China--A Comparative Survey	A structured, comparative examination of the histories and cultures of Japan and China, from the mid-19th century to the present. Orientation towards broad social, intellectual and political developments.
History	6662	HIST 4800	UG	Modern China and Japan: War, Imperialism and Memory	(cross-leveled with HIST 7800). This course examines the interaction between Japan and China since the late nineteenth century in an effort to understand deeper historical reasons behind the rising tension in East Asia at the present time.
History	19774	HIST 4815	UG	African History Through the Digital Medium	(cross-leveled with HIST 7815). This course invites students to explore the history of Africa through the digital medium. It offers a hands-on approach to understand how knowledge about African history, culture, and society is produced and disseminated over the World Wide Web.
History	18156	HIST 4860	UG	Colonial Masculinity/Colonial Frontier	(same as S_A_ST 4860). This writing intensive seminar-style course examines how the Indian Army acted as a colonial army in the British Empire, including Africa, the Boxer Rebellion, and the World Wars. Focus is on the role of the Indian Army, impact of the Sepoy Mutiny, and martial race ideology. Prerequisites: junior standing.
History	19955	HIST 4865	UG	Buying Desire: History of Consumption	This course explores the history of consumption practice in various cultural contexts. The course is divided into four parts: "Masses As Consumers", "Selling/Consuming Cultures", "Consumption as (Postcolonial) Modernity", and "Consumption and the Nation". Under each section are thematically related texts on particular cultural contexts. The reading of ethnographic texts on consumption is to be accompanied by critical discussions that locate consumption within the practices of the nation-state-making and global product-marketing."

History	19955	HIST 4865	UG	Buying Desire: History of Consumption	(cross-leveled with HIST 7865). This course explores the history of consumption practice in various cultural contexts. The course is divided into four parts: Masses As Consumers", "Selling/Consuming Cultures", "Consumption as (Postcolonial) Modernity", and "Consumption and the Nation". Under each section are thematically related texts on particular cultural contexts. The reading of ethnographic texts on consumption is to be accompanied by critical discussions that locate consumption within the practices of the nation-state-making and global product-marketing."
History	18608	HIST 4870	UG	Southeast Asia Since the Eighteenth Century	The general objective of this course is to introduce students to the fascinating world of Southeast Asia. We will look at the shared history of commodity, cultural, and religious exchanges that gave this region a collective character, as well as explore the historical conditions from which individual modern Southeast Asian state emerged.
History	20739	HIST 4975	UG	Journal on Constitutional Democracy	(same as POL_SC 4975). The Journal is sponsored by the Kinder Institute on Constitutional Democracy and staffed by current and former participants in the Institute's undergraduate Society of Fellows program. Each volume of the Journal is organized around a student-selected idea or era central to the historical development and philosophical foundations of constitutional democracy in the United States. Student-authored essays address this theme via arguments and historical overviews crafted from the close reading and analysis of primary source documents, with the exception being that participating in the Journal will relate back to and advance students' study of American political thought and history.

Honors General	7055	GN_HON	UG	The Middle Ages and the Renaissance	The literature, art and philosophy which reflect the interaction of biblical thought with the classical past, and ultimately an emerging humanism, form the contents of the second semester. Readings include selections from such central figures as Aquinas, Chaucer, Dante, and Shakespeare. Special lectures are presented on the art, architecture and music of these eras. Prerequisites: Honors eligibility required.
Honors General	20681	GN_HON	UG	The Middle Ages and the Renaissance - Honors/Writing Intensive	The literature, art and philosophy which reflect the interaction of biblical thought with the classical past, and ultimately an emerging humanism, form the contents of the second semester. Readings include selections from such central figures as Aquinas, Chaucer, Dante, and Shakespeare. Special lectures are presented on the art, architecture and music of these eras. Prerequisites: Honors eligibility required.
Honors General	7057	GN_HON	UG	The Early Modern World: The 17th-19th Centuries Enlightenment	The third segment of the Sequence treats the cultural developments in the West from the Baroque to the Enlightenment through Romanticism. The works of Cervantes, Descartes, Milton, Voltaire, Kant, Austen, Goethe, and Dickinson are among those studied. The music and visual arts of these periods are also included. Prerequisites: Honors eligibility required.
Honors General	7059	GN_HON	UG	The Modern Era	The final semester of the Humanities Sequence deals with the intellectual and cultural developments from the mid-nineteenth to the late twentieth century. Lectures and discussions will be held on the philosophy of Marx, Nietzsche, Sartre and Hannah Arendt; on the literary works of Dickens, Dostoevsky, James Joyce, Virginia Woolf, T.S. Eliot, and Toni Morrison. Special lectures are presented on the music of the period. Prerequisites: Honors eligibility required.
Honors General	7061	GN_HON	UG	Honors Humanities Colloquium	Prerequisites: Honors eligibility required.
Honors General	7061	GN_HON	UG	Honors Humanities Colloquium	Prerequisites: Honors eligibility required.

Honors General	7096	GN_HON	UG	Human Sciences Sequence I: Personal Identity	This interdisciplinary course approached the perennial but fascinating question of how we define, develop, and present ourselves. It considers this question from a range of disciplinary, regional, and thematic perspectives. Prerequisites: Honors eligibility required.
Honors General	7097	GN_HON	UG	Social Relations	This interdisciplinary course explores the construction of human identity as it related to social groups (these groups might include anything from the family to fan clubs, sports teams to college students). Prerequisites: Honors eligibility required.
Honors General	7098	GN_HON	UG	Social Organization	This course examines various forms of social organization from an interdisciplinary perspective. The course will examine small organizations (such as families and kin networks) that are grounded in face-to-face relationships and then consider the impact of large-scale organizations (such as markets and states). The class will also explore how these larger organizations can hold together in the absence of direct personal connections between members. Prerequisites: Honors eligibility required.
Honors General	7090	GN_HON	UG	Energy: From Particles to Civilizations	Inquiry based exploration of energy, what it is, how it is used, and how it sustains our life on Earth. Graded on A-F basis only. Prerequisites: Honors eligibility required.
Honors General	19802	GN_HON	UG	Interdisciplinary Topics in the Humanities: Big Ideas, Big Questions	Big Ideas, Big Questions is the third course offered in a four-semester, upper-level Humanities Series. It takes an interdisciplinary approach to concepts, theories, debates, and questions central to our understanding of the humanities. Prerequisites: upper-level standing or permission of instructor; Honors eligibility required.

Honors General	20175	GN_HON	UG	Human Nature	<p>(same as ANTHRO 3340H). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with this capacity?). Graded on A-F basis only. Prerequisites: Honors eligibility required."</p>
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Honors General	20693	GN_HON	UG	Human Nature - Honors/Writing Intensive	<p>(same as ANTHRO 3340H). We will investigate the topic of human nature, asking such questions as: What are we like? Why do we behave the way we do? Are we inherently selfish or social? Do we have a unitary self" or are we made up of many (and sometimes contradictory) selves? Is there a single "human" nature or are there distinct "male" and "female" natures? Does human nature vary across cultures? Insights come from fields ranging from genetics to literature. The concept of "human nature" is fiercely contested and debated both within and between academic disciplines. We will be focusing on the scientific study of human nature, seeking naturalistic explanations by formulating and testing hypotheses. In particular, we will use evolutionary theory to unify explanations from disparate disciplines like biology, psychology, and anthropology. In each class, we will discuss one specific topic like sex or violence and seek to make sense of it from both the proximate level (what triggers the behavior and how does it develop?) and the ultimate level (why and how did our evolutionary history imbue us with this capacity?). Graded on A-F basis only. Prerequisites: Honors eligibility required."</p>
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Honors General	20208	GN_HON	UG	Interdisciplinary Topics in the Human Sciences: The Nature of Humans	<p>This course investigates the dynamic qualities of human experience in psychological, social, and environmental context with a focus on contemporary global issues. Course topics vary by semester but will bridge the social and behavioral sciences to address an overarching question: What makes us human? We will explore the social and behavioral factors that shape our shared human condition as well as those that contribute to diversity in the human experience. We will then investigate the complexities of what it means to be human within the globally interconnected societies we live in today. How do we deal creatively with human diversity in addressing the global problems and uncertainties that confront us? What attitudes, practices, and projects might help us manage global uncertainties and opportunities more effectively? What is your role in the global community of the twenty-first century? In exploring these questions through intensive reading, writing, research, and discussion, this course will help you develop a global consciousness that is sensitive to the lived textures and realities of places and peoples around the world. This course satisfies three credit hours of general education requirements in the behavioral and social sciences and is part of the Honors College's Interdisciplinary Topics in the Human Sciences series. Graded on A-F basis only. Prerequisites: Honors eligibility required.</p>
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Hospitality Management	5340	HSP_MGM	UG	Introduction to Hospitality Management	An overview of the size, scope, form, analysis and development of various sectors in the hospitality industry. These include hotel, tourism, food and beverage, convention and events, club, cruise, gaming, managed services, and sport venue management. Emphasis will be on the global nature of the industry and its impact on economy and employment. Students will be exposed to career opportunities, cultural diversity, ethical consideration and current trends facing industry. Graded on A-F basis only. Prerequisites: Restricted to freshman and sophomore students only.
Human Devl & Family Science	7318	H_D_FS 1	UG	Foundations of Family Science	Introduction to family studies discipline and profession. Introduces historical changes in families, diversity by race, ethnicity, class and sexual orientation, and interaction of families with neighborhoods, schools, the workplace, and larger systems.
Human Devl & Family Science	7319	H_D_FS 1	UG	Foundations of Family Science - Honors	Introduction to family studies discipline and profession. Introduces historical changes in families, diversity by race, ethnicity, class and sexual orientation, and interaction of families with neighborhoods, schools, the workplace, and larger systems. Prerequisites: Honors eligibility required.
Human Devl & Family Science	7317	H_D_FS 1	UG	Intimate Relationships and Marriage	Examination of issues pertaining to intimate and marital relationships such as relationship foundation and dissolution processes, love, sex, behavioral scripts, and conflict. Diversity related to race, ethnicity, gender, and sexual orientation is explored.
Human Devl & Family Science	2095	H_D_FS 2	UG	Multicultural Study of Children and Families	Study of cultural variation in family life around the world and within America (e.g.: African-American, Hispanic American). Attention is paid to the external conditions that affect the internal workings of these families.

Human Devl & Family Science	18401	H_D_FS 2	UG	Human Sexuality Across the Life Span	An introductory survey of human sexuality including gender, love and intimacy, sexual expression and variation, sexual orientation, contraception, pregnancy and birth, sexually transmitted infections, sexual coercion, and sex in society. Sexuality within the context of intimate relationships across the life course will be emphasized.
Human Devl & Family Science	19837	H_D_FS 3	UG	Child Development: Birth to 3 (Infant/Toddler)	Child development from birth to age 3. Topics include growth patterns; influences of disabilities and risk factors; environmental factors and attachment; language acquisition; brain development; cognitive and social-emotional development; and perceptual and sensory motor skills. Some course content overlaps with H_D_FS 3500. Prerequisites: Some sections may be restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI-ECE). Some sections may be restricted to HDFS, Pre-HDFS, and Education majors during Early Registration.
Human Devl & Family Science	19821	H_D_FS 3	UG	Child Development 4-8 (Early Childhood)	Physical, cognitive, social/emotional and personality growth and development during early childhood. Topics include major theories of development and current research and ideas in conjunction with historical approaches to examining growth and development in ages 4-8. Prerequisites: Some sections may be restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI-ECE). Some sections may be restricted to HDFS, Pre-HDFS, and Education majors during Early Registration.
Human Devl & Family Science	7326	H_D_FS 3	UG	Adolescence and Young Adulthood	Physical, intellectual, and psychosocial maturation of adolescents and young adults within the context of life long developmental sequelae. Prerequisites: Restricted to HDFS and Pre-HDFS majors during pre-registration period.
Human Devl & Family Science	2120	H_D_FS 3	UG	Adulthood and Aging	Examination of biological, cognitive, psychological and social changes experienced across adulthood.

Human Devl & Family Science	7331	H_D_FS 3	UG	Infant-Toddler Practicum	Practical experience working with infants and toddlers, applying developmentally appropriate practice and theoretical perspectives. Emphasizes cognitive, social/emotional, creative and motor development; and staff and family relationships in child care settings. Graded on A-F basis only. Prerequisites or Corequisites: H_D_FS 3050 or H_D_FS 3420 or instructor's consent.
Human Devl & Family Science	7333	H_D_FS 3	UG	Foundations of Community-Based Programs for Children and Youth	Examines non-academic community-based programming for children and youth. Experience working with these age groups. Graded on A-F basis only. Prerequisites: H_D_FS 3420 or equivalent or instructor's consent.
Human Devl & Family Science	19825	H_D_FS 3	UG	Technology and Young Children	Students will learn how electronic technology impacts the development of young children in educational, home and community environments, and how technology can be used to enhance teaching and learning. Prerequisites: enrollment is restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI_ECE).
Human Devl & Family Science	19887	H_D_FS 3	UG	Diversity in the Lives of Young Children and Families	In this course, students will explore cultural diversity in daily life and beliefs in families with young children. The focus is on U.S. families, with attention to the multiple cultures from which they come. Course content overlaps with H_D_FS 2300. Not recommended for students to enroll in both courses. Students may not receive credit for both H_D_FS 3650 and H_D_FS 2300. Prerequisites: restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI-ECE).

Human Devl & Family Science	19888	H_D_FS 3	UG	Working with Families	This course focuses on application of an ecological model to the understanding of variation in parental roles, perspectives, approaches, and challenges. The course also provides an overview of effective communication strategies and parent education programs. Course content overlaps with H_D_FS 3600. Not recommended for students to enroll in both courses. Students will not receive credit for both H_D_FS 3600 and H_D_FS 3750. Prerequisites: restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI-ECE).
Human Devl & Family Science	18977	H_D_FS 3	UG	Children's Play	This course is an examination of the complex phenomenon of play in children's lives. Emphasis is placed on the value of play in developmental, social, and cultural contexts. Topics include the exploration of play theories and supporting empirical evidence, play materials, various environments, violence and conflict resolution, and therapeutic uses of play. Observation and assessment of children at play and analysis of play environments is required. Prerequisites: H_D_FS 2400, H_D_FS 3420, PSYCH 2410 or ESC_PS 2500 or equivalent, junior standing. Enrollment is restricted to H_D_FS and Pre H_D_FS majors during preregistration period.
Human Devl & Family Science	19527	H_D_FS 4	UG	Latino/a Youth and Families	Current issues in theory, methods, and research in U.S. Latino/a youth and families are examined from a social and developmental psychological perspective. The course is an advanced level study, with a particular focus on history, theories, methods, research, and applied social issues. Topics will include, parenting, siblings, youth development and adjustment, stress, risky behaviors, gender issues, assessment, study design, cultural values, intervention programs, and immigration issues. Prerequisites: Pre-H_D_FS and H_D_FS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300, H_D_FS 2400.

Human Devl & Family Science	2099	H_D_FS 4	UG	Black Families	(same as BL_STU 4300). Emphasis is on the unique social, economic, religious, educational, and political environments that have affected the structure and function of the Black family. Prerequisites: H_D_FS 2200 or equivalent, and junior standing.
Human Devl & Family Science	19828	H_D_FS 4	UG	Assessing Young Children and their Environments	Use of appropriate assessment tools for children birth to 8. Using data to inform decisions about teaching and intervention. Emphasis on the ethical use of assessments, validity of assessments, multicultural sensitivity and assessment for children with special needs. Prerequisites: enrollment is restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI_ECE).
Human Devl & Family Science	19829	H_D_FS 4	UG	Understanding and Adapting for Developmental Differences	This course focuses on knowledge of disability conditions, assessment and identification, interventions in inclusive environments, and collaborations among service providers. Prerequisites: enrollment is restricted to students admitted to the Great Plains IDEA Early Childhood Education Program (GPI_ECE).
Human Devl & Family Science	2101	H_D_FS 4	UG	Stress and Resilience in Families	Introduction to the study of stressor events in families, such as poverty, violence within families, substance abuse, and health problems. Emphasis is on both prevention and coping. Prerequisites: Pre-HDFS and HDFS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300 and H_D_FS 2400.
Human Devl & Family Science	2121	H_D_FS 4	UG	Family Interaction	Analysis of intrafamilial interaction from a systems perspective; includes comparative study of family paradigms, family subsystems, goals, and resources, boundaries, and patterns of feedback. Prerequisites: Pre-HDFS and HDFS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300 and H_D_FS 2400.

Human Devl & Family Science	7362	H_D_FS 4	UG	Interpersonal Relationships	In-depth examination of interpersonal relationships, including theoretical perspectives, research methods, relationship forms, relationship processes, and how context affects relationships. Students are introduced to the field of close relationships. Prerequisites: Pre-HDFS and HDFS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300 and H_D_FS 2400.
Human Devl & Family Science	18409	H_D_FS 4	UG	History of the Family in Russia	Survey of family relations in Russia from the Kievan period. Materials drawn from child development and family studies, education, history, sociology, and literature. Prerequisites: 3 hours in Social/Behavioral Sciences.
Human Devl & Family Science	2128	H_D_FS 4	UG	History of the Family in Russia - Honors	Survey of family relations in Russia from the Kievan period. Materials drawn from child development and family studies, education, history, sociology, and literature. Prerequisites: 3 hours in Social/Behavioral Sciences. Honor eligibility required.
Human Devl & Family Science	7364	H_D_FS 4	UG	The Politics of Reproduction and Fertility Control	(same as WGST 4420). Examines the social construction of reproduction, including discourses and practices surrounding the body, pregnancy, birth, reproductive technology, and diseases. Stresses the ethical issues and social policies affecting women. Prerequisites: junior standing or instructor's consent.
Human Devl & Family Science	7359	H_D_FS 4	UG	Children and Families in Poverty	Study of the extent, distribution, and implications of poverty on children and families. Examination of myths and realities, social conditions, policies, and programs that contribute to or reduce poverty and its consequences. Prerequisites: Pre-HDFS and HDFS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300 and H_D_FS 2400.

Human Devl & Family Science	2106	H_D_FS 4	UG	Child and Family Advocacy	Study of the processes of social policies, legislation, and regulations affecting children and families at the local, state and federal levels. The course emphasizes current issues and need for citizen involvement. There will be sections restricted to H_D_FS majors and to Education majors. The H_D_FS section will be for 3 credits and the Education will be for 2 credits. Prerequisites: Pre-HDFS and HDFS majors must complete H_D_FS 1600, H_D_FS 2200, H_D_FS 2300 and H_D_FS 2400.
Industrial/Mfg Sys Engr	19614	IMSE 4580	UG	Industrial Energy Efficiency and Management	(cross-leveled with IMSE 7580). Introduction to the fundamentals of industrial energy efficiency and management. Covers the essential concepts, best practices, management systems and current standards to achieve and improve energy efficiency in industrial settings, and utilizes hands-on experiences involving real assessment and analysis of industrial site visits and projects. Prerequisites: IMSE 2030 or instructor's consent.
International Studies	7730	INTL_S 29	UG	Capstone Internship in International Studies	Internship limited to students pursuing the AB in International Studies Degree. May be repeated to a maximum of six hours. Graded on S/U basis only.
International Studies	7734	INTL_S 29	UG	Capstone Readings in International Studies	Independent readings with supervisory faculty member. Open only to international studies majors. May be repeated up to a maximum of 6 hours.
International Studies	7731	INTL_S 49	UG	Internship in International Studies	Internship limited to students pursuing the AB in International Studies degree. May be repeated to a maximum of six hours. Graded on S/U basis only.
International Studies	7735	INTL_S 49	UG	Readings in International Studies	Independent readings with supervisory faculty member. Open only to International Studies majors. May be repeated up to a maximum of 6 hours.
International Studies	7736	INTL_S 49	UG	Special Readings in International Studies	Independent readings with supervisory faculty member; this course serves as the students' capstone experience. Open only to International studies majors.

International Studies	7732	INTL_S 49	UG	Capstone Internship in International Studies	Internship experience which serves as the student's capstone experience. Program advisor must approve internships. Section 2 of this course will be designated for Service Learning Capstone experience. Graded on S/U basis only.
Journalism	7802	JOURN 10	UG	The News Media: Journalism and Advertising in a Democratic Society	This course surveys the fields of journalism and advertising and discusses their role in a democratic society. Pre-Journalism and Journalism Majors cannot count this course towards the Bachelor of Journalism.
Journalism	7871	JOURN 20	UG	Cross-Cultural Journalism	Cross-Cultural Journalism provides journalistic tools for the coverage of diverse ethnic, gender, ability and ideological groups inside and outside the United States. The critical role of diverse voices in a democracy will be discussed. Prerequisites: sophomore standing required; C- or higher in JOURN 1100 and UM GPA of 2.8. Restricted to Undeclared Journalism, Pre-Journalism, Journalism and Science and Agricultural Journalism Students Only.
Journalism	7806	JOURN 30	UG	History of American Journalism	American mass media from colonial days to present in the context of social, economic and political change. Prerequisites: Junior Standing; Journalism or Science and Agricultural Journalism majors.
Journalism	19397	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as GERMAN 3510, T_A_M 2810 and PEA_ST 2810). This inter-departmental course serves as one of the core seminars for students pursuing the undergraduate certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to all undergraduate students in all disciplines. Graded on A-F basis only. Prerequisites: Junior standing; Journalism, Science and Agricultural Journalism majors only.

Journalism	19397	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as GERMAN 3510, T_A_M 2810, PEA_ST 2810, DST 3510). This inter-departmental course serves as one of the core seminars for students pursuing the undergraduate certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to all undergraduate students in all disciplines. Graded on A-F basis only. Prerequisites: Junior standing; Journalism, Science and Agricultural Journalism majors only.
Journalism	19510	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; JOURN 1100 and a 2.75 GPA or instructor's consent. Restricted to Journalism majors only. Honors eligibility required.
Journalism	19510	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, T_A_M 2810H, PEA_ST 2810H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; JOURN 1100 and a 2.75 GPA or instructor's consent. Restricted to Journalism majors only. Honors eligibility required.

Journalism	19510	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, PEA_ST 2810H, T_A_M 3010H, DST 3510H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; JOURN 1100 and a 2.75 GPA or instructor's consent. Restricted to Journalism majors only. Honors eligibility required.
Journalism	20731	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors/Writing Intensive	(same as GERMAN 3510HW, T_A_M 2810HW, PEA_ST 2810HW). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; JOURN 1100 and a 2.75 GPA or instructor's consent. Restricted to Journalism majors only. Honors eligibility required.
Journalism	20731	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors/Writing Intensive	(same as GERMAN 3510HW, PEA_ST 2810HW, T_A_M 3010HW). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing; JOURN 1100 and a 2.75 GPA or instructor's consent. Restricted to Journalism majors only. Honors eligibility required.

Journalism	20732	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive	(same as GERMAN 3510W, T_A_M 2810W, PEA_ST 2810W, DST 3510W). This inter-departmental course serves as one of the core seminars for students pursuing the undergraduate certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to all undergraduate students in all disciplines. Graded on A-F basis only. Prerequisites: Junior standing; Journalism, Science and Agricultural Journalism majors only.
Journalism	20732	JOURN 35	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive	(same as GERMAN 3510W, PEA_ST 2810W, DST 3510W, T_A_M 3010W). This inter-departmental course serves as one of the core seminars for students pursuing the undergraduate certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to all undergraduate students in all disciplines. Graded on A-F basis only. Prerequisites: Junior standing; Journalism, Science and Agricultural Journalism majors only.
Journalism	7877	JOURN 40	UG	Communications Law	Legal concepts, including prior restraint, libel, privacy, obscenity, contempt and access as they relate to print, broadcast, advertising and other areas. Prerequisites: Junior Standing; Journalism and Science and Agricultural Journalism majors.
Journalism	19038	JOURN 41	UG	Concepts in Participatory Journalism	Journalists need to know how to be in conversation with their communities rather than lecture to them. In this course, we will look at how a collaborative culture is changing journalism, and how journalists can take advantage of the new landscape. Graded on A-F basis only. Prerequisites: JOURN 2100, JOURN 2150. Journalism and Science and Agricultural Journalism majors and Junior Standing.

Journalism	7943	JOURN 42	UG	Global Communication	(cross-leveled with JOURN 7258). Understanding global communication systems with an emphasis on planning and executing strategic communication campaigns. Particular attention will be paid to cultural, political and economic differences as they affect marketing and development communication. Prerequisites: JOURN 4200, JOURN 4204, JOURN 4952. Restricted to Strategic Communication and Science and Agricultural Journalism students only.
Journalism	7810	JOURN 43	UG	Broadcast News I	Beginning reporting and news writing for radio, television and their on-line services. Introduction to use of audio and video recorders and editing systems in production of news stories. Consideration of ethical issues, economic factors, relationships with news sources and gender and ethnic diversity in the newsroom and in news stories. Prerequisites: Consent of instructor required.

Journalism	20054	JOURN 43	UG	Film Studies: The Intersections of Documentary Film and Journalism	(same as FILM_S 4370; cross-leveled with FILM_S 7370, JOURN 7370). The popularity of documentary film in the past ten years has skyrocketed, and recent award-winning documentaries such as Inside Job (2010), Blackfish (2013), and The Invisible War (2012) are simultaneously entertaining audiences and investigating serious issues like the financial collapse, killer whale captivity, and sex crimes in the military-- issues that in the past might have been covered exclusively by investigative journalism. What explains the public's growing fascination with documentary? How is documentary film reacting to recent transformations in the media landscape? Is it filling a critical need that journalism is no longer willing or able to meet? This course will explore the intersection of these two nonfiction storytelling forms - documentary film and journalism - and examine the role played by advocacy in both modes, as well as the cultural and ethical implications of the convergence between journalism and documentary film. In that it is centered on contemporary documentary film culture, the course also takes advantage of the True/ False Film Festival, and will be host to a conference during Week 6, featuring a number of major visiting filmmakers and film critics. Attendance at some sessions is required. Graded on A-F basis only.
Journalism	7899	JOURN 44	UG	Science, Health and Environmental Writing	(cross-leveled with JOURN 7416). In this course students learn how to cover science, health and environmental topics by reporting and writing several stories for publication. Students can develop a marketable specialty or cover these angles in any beat. This course can serve as a substitute for JOURN 4410 Intermediate Writing. Prerequisites: JOURN 4450 or JOURN 4804.

Journalism	20740	JOURN 44	UG	Science, Health and Environmental Writing - Writing Intensive	(cross-leveled with JOURN 7416). In this course students learn how to cover science, health and environmental topics by reporting and writing several stories for publication. Students can develop a marketable specialty or cover these angles in any beat. This course can serve as a substitute for JOURN 4410 Intermediate Writing. Prerequisites: JOURN 4450 or JOURN 4804.
Journalism	7880	JOURN 44	UG	Critical Reviewing	(cross-leveled with JOURN 7418). This course seeks to enrich students' understanding of the arts; support their attendance of concerts, plays, films, and exhibitions; sharpen their skills in critical thinking; and encourage the publication of their reviews in Vox as well as other outlets. Students will analyze the works of critics, gain a general appreciation of the ways to approach each art, and write reviews. Prerequisites: JOURN _0900 or JOURN 2100. Restricted to Journalism and Science and Agricultural Journalism majors only.
Journalism	7824	JOURN 44	UG	News Reporting	Assignments on a daily city newspaper covering community news, city, county and state affairs, sports and lifestyle issues. Experience in gathering and writing news, writing under deadline conditions. Prerequisites: JOURN 2100.
Journalism	7882	JOURN 44	UG	Advanced News Reporting	(cross-leveled with JOURN 7460). Assignments to more difficult beat areas, team reporting and some investigative reporting for community newspaper. Individual conferences and weekly class sessions on contemporary reporting problems. Prerequisites: JOURN 4450.
Journalism	7869	JOURN 46	UG	International News Media Systems	A comparative survey of current news media systems and how they affect the international flow of information. Newspapers, news agencies, broadcasting and satellite networks of the world are analyzed. Prerequisites: junior standing in Journalism or Science and Agricultural Journalism .

Journalism	7874	JOURN 46	UG	International Journalism	An examination of the gathering, editing and dissemination of international news. The impact of social, economic, cultural and political structures on news media performance is evaluated. Prerequisites: junior standing. Restricted to Journalism and Science and Agricultural Journalism majors only.
Journalism	8052	JOURN 47	UG	Participatory Journalism	An examination of how information is shared outside professional journalism, and how journalists can interact with communities. Topics will include community collaboration, social media, audience outreach and understanding, and an expanding definition of news". Students will work with the community on behalf of the Missourian. All interest areas welcome. Prerequisites: JOURN 4450 or JOURN 4804 or JOURN 4306 or JOURN 4206 or JOURN 4560."
Journalism	8057	JOURN 47	UG	The Community Newspaper	The role of the newspaper in the community. Handling of news categories especially applicable to smaller newspaper. Field trips giving students experience in publishing newspapers in the state. Prerequisites: JOURN 2100. Restricted to Journalism and Science and Agricultural Journalism majors only.
Journalism	8077	JOURN 47	UG	Confronting Controls on Information	A review of actions by government, society and the communications media calculated to limit or alter the content of information in the United States and elsewhere around the world. Prerequisites: instructor's consent. Restricted to Journalism and Science and Agricultural Journalism majors only.
Journalism	8092	JOURN 49	UG	Journalism and Democracy	This course seeks to cultivate critical-thinking skills by helping students synthesize and apply knowledge gained from a journalism education to the evaluation of news media performance in a democratic society. Prerequisites: Consent of instructor required. Recommended: JOURN 4450.

Journalism	20750	JOURN 49	UG	Journalism and Democracy - Writing Intensive	This course seeks to cultivate critical-thinking skills by helping students synthesize and apply knowledge gained from a journalism education to the evaluation of news media performance in a democratic society. Prerequisites: Consent of instructor required. Recommended: JOURN 4450.
Learning, Teaching & Curric	14691	LTC 2040	UG	Inquiring into Schools, Community and Society I	This course focuses on schooling in American society, the school community, the school culture and students' lives and identities. Studied are the political, cultural, and economic conditions of the schools.
Learning, Teaching & Curric	14583	LTC 2044	UG	Inquiry into Schools, Community and Society: Field	This field experience course supports the Inquiring into Schools, Community and Society (ISCS), component of Phase I. Graded on S/U basis only.
Learning, Teaching & Curric	20326	LTC 2200	UG	School Health and Student Wellbeing	This course will explore and analyze the critical role schools and teachers play to address students' physical, social, and emotional wellbeing. Research indicates that a healthy school environment can improve both academic and social outcomes. Focus areas include school safety, nutrition policy and health education.
Learning, Teaching & Curric	14697	LTC 4091	UG	Assessment and Family Collaboration in Early Childhood Education	(cross-leveled with LTC 7091). Strategies for effectively observing and assessing young children and strategies for building positive family and community relationships, which support children's development and learning. Prerequisites: Consent required (enrollment limited to students admitted to Phase II).
Learning, Teaching & Curric	14589	LTC 4241	UG	Diverse Literature for Children and Youth	Reading and discussion of diverse literature within a wide variety of genres will allow students to explore issues of diversity as related to elementary instruction. Graded on A-F basis only. Recommended: Admittance to Phase II.
Learning, Teaching & Curric	20755	LTC 4241	UG	Diverse Literature for Children and Youth - Writing Intensive	Reading and discussion of diverse literature within a wide variety of genres will allow students to explore issues of diversity as related to elementary instruction. Graded on A-F basis only. Recommended: Admittance to Phase II.

Learning, Teaching & Curric	11262	LTC 4650	UG	Education in Human Sexuality	The biological, psychosocial and educational aspects of human sexuality with special emphasis on instructional activities related to interpersonal communication, decision-making ability and clarification of values, course is designed for both teachers and health-care personnel.
Learning, Teaching & Curric	11274	LTC 4660	UG	Drug Education	The psychosocial, legal and pharmacological aspects of the recreational use of over-the-counter and street drugs are investigated with emphasis being placed on personal decision making, principles of school and community drug education, rehabilitation and community health services.
Learning, Teaching & Curric	21046	LTC_V 492	UG	Workforce Education and the Community College	(cross-leveled with LTC_V 7920). This course provides an overview of the philosophy, history, and development of the community college in America, and reviews the social, economic, and political forces affecting these institutions. It also explores the rationale and techniques for keeping instructional and organizational functions responsive to the changing educational and workforce needs of the community, with an emphasis on collaboration with public-sector economic development and workforce training programs and customized training services for private sector organizations. Graded on A-F basis only. Prerequisites: Junior standing or instructor approval.
Linguistics	19805	LINGST 26	UG	Languages of Africa	(same as BL_STU 2601 and ENGLSH 2601). Introduction to the diversity of the 2000+ African languages, including first-hand experience exploring a few in detail with native speakers. Features of African languages are compared with others of the world. Political and social aspects of language in Africa are discussed.
Linguistics	8786	LINGST 44	UG	Language and Culture	(same as ANTHRO 4400). Interrelations between language, thought, culture, and society; role of language in cognition; methods and concepts of linguistics in cultural analysis. Recommended: ANTHRO 2040 or LINGST 2040.

Linguistics	8765	LINGST 44	UG	Gender, Language and Communication	(same as COMMUN 4412 and ANTHRO 4412). Relationships among gender, language, nonverbal communication, and culture. Prerequisites: junior standing or departmental consent.
Linguistics	8761	LINGST 47	UG	History of the French Language	(same as FRENCH 4710). Study of the French language from its Latin origin to the present. The course includes a survey of the external, social, political, and historical factors that have affected the development of French, followed by diachronic study of the internal structural features of the language. Prerequisites: FRENCH 3420 and FRENCH 3430.
Linguistics	18446	LINGST 47	UG	Spanish Across the Continents	(same as SPAN 4722). This course focuses on the effects of migratory movements on language change, considering the Spanish spoken in Latin America, Puerto Rico, Spain and the USA. The class sharpens awareness and recognition of the linguistic diversity of the Spanish-speaking regions of the world. Graded on A-F basis only. Recommended: four 3000-level courses in Spanish.
Linguistics	18444	LINGST 47	UG	Language and Society: Spanish in the U.S.	(same as SPAN 4723). This class surveys linguistic and social issues pertaining to Spanish in the U.S. (past, present and future). Topics include bilingualism, code switching (a.k.a. Spanglish), first language attrition, linguistic identity, and the role of Spanish in Education, services and media. Graded on A-F basis only. Recommended: four 3000-level courses in Spanish.

Management	19939	MANGMT	UG	Diversity and Inclusion in Management	Discuss elements of diversity including race, gender, ethnicity, religion, sexual orientation, socioeconomic status, and age, among others, as these impact effective management in the workplace through a variety of workplace performance-related outcomes. Explore ways to contribute to, learn from, and benefit from a more diverse and inclusive work environment. Examine methods of optimizing human performance and potential in organizations. Create personal action plan to increase awareness, knowledge, skills and global perspective relative to diversity and inclusion. Graded on A-F basis only. Corequisites: MANGMT 3000.
Management	19937	MANGMT	UG	Managing Across Cultures	Applying cultural dimensions to developing cross-cultural behavioral competencies utilizing code-switching training methods. For all persons interested in improving international person-to-person interactions. Corequisites: MANGMT 3000.
Management	8886	MANGMT	UG	Strategic Management	Enterprise-level case studies, simulations, similar exercises to integrate business functional decisions; assessment of environmental influences on business. Development, implementation of company strategies. Prerequisites: MANGMT 3000, MRKTNG 3000, FINANC 3000 and 93 credit hours earned. Open only to seniors admitted to a professional program in the CoB.
Marketing	8961	MRKTNG	UG	Consumer Behavior	Dimensions of the consumer market and decision-making process of consumers; analyzing economic, psychological and socio-psychological influences on consumer market and buying behavior. Prerequisites: MRKTNG 3000. During early registration, some sections may be restricted to College of Business students with emphasis in Marketing, or International Business with emphasis in Marketing.

Mechanical & Aerospace Engr	9373	MAE 4340	UG	Heating and Air Conditioning	General principles of thermal science applied to the design of environmental control systems. Topics covered include heating and cooling load calculations, annual operating and life cycle cost estimating, duct and pipe sizing, and equipment selection. Prerequisites: Restricted to Mechanical and Aerospace Engineering students only. Recommended: MAE 4300.
Mechanical & Aerospace Engr	19454	MAE 4350	UG	Industrial Energy Analysis	(cross-leveled with MAE 7355). Energy use in industrial systems: furnaces, boilers, compressors, motors, lighting, etc. Insulation in building envelopes. Renewable energy sources. Energy auditing and economic analysis. Graded on A-F basis only. Prerequisites or Corequisites: MAE 4300.
Medieval Renaissance Studies	21050	MDVL_RE	UG	Topics in Medieval and Renaissance Studies-Social Science	Organized study of selected medieval and Renaissance topics. Subjects and earnable credit may vary from semester to semester. Topics announced at time of enrollment. May be repeated for credit with departmental consent.
Medieval Renaissance Studies	21052	MDVL_RE	UG	Topics in Medieval and Renaissance Studies-Social Science	Organized study of selected medieval and Renaissance topics. Subjects and earnable credit may vary from semester to semester. Topics announced at time of enrollment. May be repeated for credit with departmental consent. Prerequisites: Instructor's consent.
Medieval Renaissance Studies	21079	MDVL_RE	UG	Studies in Medieval and Renaissance Cultures-Social Science	(cross-leveled with MDVL_REN 7104). In-depth study of selected topics in medieval and Renaissance cultures. Subjects vary from semester to semester. Topics announced at time of enrollment. May be repeated for credit with departmental consent. Prerequisites: Junior standing or Instructor's consent.

Military Sci and Leadership	19796	MIL_SC 31	UG	Nation Building through a Barrel of a Gun	(same as POL_SC 3164). This course was developed to provide students the opportunity to examine the dilemmas of military intervention, nation-building/peacekeeping operations and exit strategies. This course is designed to challenge students to think critically and arrive at their own conclusions about the use of military power to settle differences between nations, and use of military forces to conduct nation building.
Nuclear Science and Engr Inst	10241	NU_ENG 41	UG	Nuclear Forensic Analysis	Principles/applications of nuclear techniques in solution of bioenvironmental problems. Uses of nuclear methods in studies of water/air pollution, biology, medicine, pesticides, geochemistry, ecological transport. Lectures, laboratory. Prerequisites: senior standing or instructor's consent.
Nursing	10410	NURSE 30	UG	Cultural Expeditions in Nursing	Directed field experiences in varied settings exploring local customs and cultural/ethnic diversities influencing health care delivery. Graded on S/U basis only. Prerequisites: Consent of Instructor required.
Nursing	10383	NURSE 34	UG	Mental Health Nursing	This course teaches behavioral, social, interpersonal, and systems dimensions of mental health nursing. Emphasis is on therapeutic use of self in assisting clients throughout the life cycle with mental health deviations. Prerequisites: NURSE 3270.
Nursing	10383	NURSE 34	UG	Mental Health Nursing	Students discover behavioral, social, interpersonal, and neuro-biological aspects of mental health nursing. Therapeutic use of self in designing and implementing nursing care for clients throughout the life cycle is emphasized. Content on psychopathology is included. Prerequisites: NURSE 3270.
Nursing	10374	NURSE 38	UG	Gerontological Nursing Care	Emphasis on normal aging processes, health promotion, disease prevention, and management of acute and chronic health problems in the older adult. Prerequisites: NURSE 3170 and NURSE 3270.

Nursing	10374	NURSE 38	UG	Gerontological Nursing Care	Emphasis on normal aging processes, health promotion, disease prevention, management of complex health conditions, and evaluation of care for older adults. Prerequisites: NURSE 3270. Corequisites: NURSE 3300 or NURSE 3100 or equivalent.
Nursing	10413	NURSE 46	UG	Women's Health	A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations.
Nursing	10400	NURSE 48	UG	Principles of Public Health Nursing: Population-Based Practice	Focuses on population-based concepts of public health nursing and application to practice through completion of a major project. Designed for practicing public health nurses employed in local public health agencies in Missouri. Course may be repeated for credit. Enrollment restricted to those with a RN license and who are employed in Public Health in Missouri. Graded on A-F basis only.
Nursing	10401	NURSE 49	UG	Nursing in Communities	Examines roles and functions of nurses within community with emphasis on application of community/public health concepts and design and implementation of nursing systems of care for individuals, families, and populations. Prerequisites: NURSE 4270 and NURSE 3470; or NURSE 3760 or NURSE 4930.
Nursing	20810	NURSE 49	UG	Nursing in Communities - Writing Intensive	Examines roles and functions of nurses within community with emphasis on application of community/public health concepts and design and implementation of nursing systems of care for individuals, families, and populations. Prerequisites: NURSE 4270 and NURSE 3470; or NURSE 3760 or NURSE 4930.
Nursing	10403	NURSE 49	UG	The Capstone Experience	Community project-based course that integrates and applies principles previously learned in the RN-BSN curriculum. Course may be repeated for credit. Restricted to students with a RN license and who are employed in Public Health in Missouri. Graded on A-F basis only. Prerequisites: NURSE 4875.

Nutrition & Exercise Physio	7249	NEP 1034	UG	Introduction to Human Nutrition	Basic nutrition principles, including: nutrient functions, food sources, and needs; healthy eating tools; energy balance and weight management; nutrition and fitness; nutrition through the life cycle; food safety; and consumer topics. No credit if taken after NEP 2340.
Nutrition & Exercise Physio	19606	NEP 1034	UG	Introduction to Human Nutrition - Honors	Basic nutrition principles, including: nutrient functions, food sources, and needs; healthy eating tools; energy balance and weight management; nutrition and fitness; nutrition through the life cycle; food safety; and consumer topics. No credit if taken after NEP 2340. Prerequisites: Honors eligibility required.
Nutrition & Exercise Physio	21008	NEP 1310	UG	Food and Cultures of the World - Writing Intensive	Trans-disciplinary approach to nutrition, considering anthropological, physiological, geographical, socioeconomic and psychological elements in world nutrition. These ideas will be explored in the context of cuisines and cultures that are found in the US, but originate elsewhere.
Nutrition & Exercise Physio	18756	NEP 2222	UG	Landscape of Obesity	The societal, economic, medical, behavioral, and psychological causes and results of the obesity epidemic and potential modes of treatment and prevention. Lecture course. Graded on A-F basis only. Prerequisites: sophomore standing required.
Nutrition & Exercise Physio	7267	NEP 2340	UG	Human Nutrition I	Basic concepts of normal nutrition related to physiological/ chemical processes; changing nutrient needs during human life cycle, emphasis on adult; some social/psychological influences on dietary habits. Prerequisites: CHEM 2030 or CHEM 2100 or CHEM 2160H.
Nutrition & Exercise Physio	10557	NEP 2450	UG	Nutrition Throughout the Life Span	Nutritional requirements, challenges, community nutrition programs, and eating patterns throughout the life span with emphasis on health promotion and disease prevention; Role of beliefs, culture, socio-psychological influences, and economic resources in food selection and nutrition/health status. Lecture/discussion course. Prerequisites: NEP 1034 or NEP 2340 or NEP 2380 or equivalent.

Nutrition & Exercise Physio	10571	NEP 4360	UG	Nutritional Assessment	(cross-leveled with NEP 7360). Introduction to the nutrition assessment process. The identification of dietary, anthropometric, laboratory, clinical and sociocultural parameters used to assess nutritional status of individuals. Lecture course. Prerequisites: PSYCH 1000, NEP 2340. Restricted from Pre-Nutrition and Fitness Majors.
Nutrition & Exercise Physio	10574	NEP 4975	UG	Practice of Dietetics Supervised Practice Experience	Supervised practice in providing quality nutrition services in clinical, community, management and specialty settings. 40 hours of supervised practice per week. Prerequisites: NEP 3590, NEP 4280, NEP 4290, NEP 4380, NEP 4381, and NEP 4590; Open to students admitted to the Dietetics Program only.
Occupational Therapy	19424	OC_THR 4	UG	Lifespan Occupations II	Overview of biopsychosocial development and the aging process from young adulthood through older adulthood from an occupational perspective. Emphasis on the impact of client and contextual factors on occupational development and loss of occupations throughout the adult lifespan. Graded on A-F basis only. Prerequisites: Admission to the Occupational Therapy professional program and satisfactory completion of all previous professional program coursework (C or better for undergraduate; B or better for graduate).
Occupational Therapy	19424	OC_THR 4	UG	Human Development and Occupations II	(cross-leveled with OC_THR 7620). Overview of biopsychosocial development and the aging process from young adulthood through older adulthood from an occupational perspective. Emphasis on the impact of client and contextual factors on occupational development and loss of occupations throughout the adult lifespan. Graded on A-F basis only. Prerequisites: Restricted to Occupational Therapy students only.

Occupational Therapy	19423	OC_THR 4	UG	Fieldwork I Older Adults	Development of evaluation and intervention skills via on-site interaction with older adults in a residential facility. Opportunities to gather data, plan/implement activities, document client performance, and develop therapeutic relationships with older adults and care providers. Graded on S/U basis only. Prerequisites: Admission to the Occupational Therapy professional program and satisfactory completion of all previous professional program coursework (C or better for undergraduate; B or better for graduate).
Occupational Therapy	19423	OC_THR 4	UG	Fieldwork I - Occupations II	(cross-leveled with OC_THR 7622). Development of evaluation and intervention skills via on-site interaction with older adults in a residential facility. Opportunities to gather data, plan/implement activities, document client performance, and develop therapeutic relationships with older adults and care providers. Graded on S/U basis only. Recommended: Restricted to Occupational Therapy students only.
Occupational Therapy	10718	OC_THR 4	UG	Community-Based Practice	Focus on role of occupational therapy in prevention, health and wellness. Program development and evaluation completed through community needs assessment and completion of health promotion project. Graded on A-F only basis. Recommended: acceptance into major and completion of program year 1.
Peace Studies	10836	PEA_ST 10	UG	Topics in Peace Studies	Underclass topics. Subjects may vary from semester to semester. May be repeated to 6 hours maximum. Graded on A-F basis only.
Peace Studies	19194	PEA_ST 10	UG	Topics in Peace Studies - Behavioral Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent.
Peace Studies	19195	PEA_ST 10	UG	Topics in Peace Studies	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent.

Peace Studies	19198	PEA_ST 10	UG	Topics in Peace Studies - Humanities	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only.
Peace Studies	20288	PEA_ST 10	UG	International Conflict Resolution and Group Reconciliation	Theories of conflict resolution. We will study achieving peace through techniques and institutions that attempt personal and interactive reconciliation of opposing groups personally. Case studies might include the Truth and Reconciliation" committees following South African Independence, and similar projects to promote inter-group understanding in Middle East conflicts. The course will then analyze examples of the resolution of major international conflicts and issues, such as the Irish Peace Accords, the Camp David peace process for the Middle East, Strategic Nuclear Arms Limitation, and the Kyoto Protocol."
Peace Studies	20816	PEA_ST 10	UG	International Conflict Resolution and Group Reconciliation - Writing Intensive	Theories of conflict resolution. We will study achieving peace through techniques and institutions that attempt personal and interactive reconciliation of opposing groups personally. Case studies might include the Truth and Reconciliation" committees following South African Independence, and similar projects to promote inter-group understanding in Middle East conflicts. The course will then analyze examples of the resolution of major international conflicts and issues, such as the Irish Peace Accords, the Camp David peace process for the Middle East, Strategic Nuclear Arms Limitation, and the Kyoto Protocol."

Peace Studies	20357	PEA_ST 10	UG	Terror, Violence, and Guns	An examination of gun violence focusing on international terrorist groups, state sanctioned violence, militias, gun violence and violence against women. Accounts of recruitment to violent actions and political groups, contrasted to the research on recruitment processes. Alternate public policies for the reduction of violence. Presentation of a diversity of viewpoints and concepts will be emphasized, especially in participatory formats such as panel discussions composed of students, and in formats that involve presentations in various media to the public outside the classroom.
Peace Studies	10845	PEA_ST 11	UG	The Amish Community	(same as RU_SOC 1150). Examines historical antecedents and contemporary culture and social structure of the Amish. Topics include cultural symbols, life ceremonies, the family, counter cultural pressures, stresses and social change. Prerequisites: RU_SOC 1000, SOCIOL 1000, or ANTHRO 1000.
Peace Studies	20818	PEA_ST 11	UG	The Amish Community - Writing Intensive	(same as RU_SOC 1150). Examines historical antecedents and contemporary culture and social structure of the Amish. Topics include cultural symbols, life ceremonies, the family, counter cultural pressures, stresses and social change. Prerequisites: RU_SOC 1000, SOCIOL 1000, or ANTHRO 1000.
Peace Studies	10858	PEA_ST 11	UG	Service Learning in Peace Studies	Students will perform significant and long term community service while exploring issues central to peace studies.
Peace Studies	19428	PEA_ST 20	UG	Exploration in Social and Economic Justice	(same as SOC_WK 2000). This course explores issues of fairness and equality in economic, political and social systems, and applies social justice principles to major social problems. May be repeated for credit. Graded on A-F basis only. Prerequisites: ENGLSH 1000.
Peace Studies	20819	PEA_ST 20	UG	Exploration in Social and Economic Justice - Writing Intensive	(same as SOC_WK 2000). This course explores issues of fairness and equality in economic, political and social systems, and applies social justice principles to major social problems. May be repeated for credit. Graded on A-F basis only. Prerequisites: ENGLSH 1000.

Peace Studies	19169	PEA_ST 20	UG	Topics in Peace Studies: Behavioral Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Recommended: Sophomore standing.
Peace Studies	20821	PEA_ST 20	UG	Topics in Peace Studies: Behavioral Science - Writing Intensive	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Recommended: Sophomore standing.
Peace Studies	19192	PEA_ST 20	UG	Topics in Peace Studies - Social Sciences	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Recommended: sophomore standing.
Peace Studies	19197	PEA_ST 20	UG	Topics in Peace Studies - Humanities	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Recommended: sophomore standing.
Peace Studies	10861	PEA_ST 20	UG	The Vietnam and Iraq Wars: Lessons for the Future	An interdisciplinary analysis of the Vietnam War and the American-led war with Iraq. Course focuses on the reasons that American lost in Vietnam, the reasons it won in Iraq, and the lessons these conflicts provided for America's future. Graded on A-F basis only. Prerequisites: sophomore standing.

Peace Studies	19951	PEA_ST 21	UG	Perspectives on Peace in the Middle East	This course examines conflict theories, international relation theories and Middle Eastern politics. It is intended as a comprehensive applied study of these theories. The initial weeks will cover the major conflict theories including social learning theory, social identity theory, relative deprivation theory, human needs theory, and rational choice theory. The focus of this course will primarily be on conflicts and peace efforts of the Middle East including but not limited to: the Arab Spring, the Israeli-Palestinian conflict, Jordanian-Palestinian identity issue, peace efforts in the Middle East. Ultimately, students should explore ways to bridge the theories learned and apply them to conflicts, negotiation and peace efforts in the Middle East.
Peace Studies	10851	PEA_ST 21	UG	Undergraduate Seminar I in Peace Studies	Conflict Resolution in Theory and Practice. Conflicts are studied in the light of the social and behavioral sciences. Prerequisites: PEA_ST 1050.
Peace Studies	10852	PEA_ST 21	UG	Undergraduate Seminar II in Peace Studies	Contemporary International Conflict: A readings and research seminar in which students will address such problems as global conflicts, the Arms Race and disarmament, global development. Prerequisites: PEA_ST 1050.
Peace Studies	10853	PEA_ST 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements	(same as SOCIOL 2182). History and theory of movements for peace, justice, and democracy. Development of violent and nonviolent tactics and factions in movements; relationship to state authority. Cases such as Gandhi's Independence, American Civil Rights, Arab Spring, and Occupy movements. Recommended: PEA_ST 1050.
Peace Studies	20820	PEA_ST 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements - Writing Intensive	(same as SOCIOL 2182). History and theory of movements for peace, justice, and democracy. Development of violent and nonviolent tactics and factions in movements; relationship to state authority. Cases such as Gandhi's Independence, American Civil Rights, Arab Spring, and Occupy movements. Prerequisites: PEA_ST 1050 or instructor's consent.

Peace Studies	10854	PEA_ST 22	UG	Undergraduate Seminar IV in Peace Studies	Images of War and Peace. Study of war and peace in philosophical and religious systems, film, poetry, art, fiction, and the media. Prerequisites: PEA_ST 1050.
Peace Studies	10859	PEA_ST 22	UG	Topics in Peace Studies-General	Organized study of selected topics in Peace Studies. Subjects and credit hours may vary from semester to semester. Recommended: sophomore standing.
Peace Studies	10867	PEA_ST 22	UG	America in the 1960's	(same as HIST 2220). Examines the political and cultural main currents of the 1960s. Emphasizes the challenges mounted by protest groups and the responses of America's political leadership to the ferment of the period. Prerequisites: sophomore standing.
Peace Studies	19978	PEA_ST 22	UG	Youth, Islam, and Global Cultures	(same as SOCIOL 2255). Youth subcultures and the social issues and problems faced by youth, focusing on the Islamic world and Muslim immigrants, in the United States and elsewhere. Social and behavioral theories and concepts such as paths to modernization, Orientalism, post-colonialism, population movements, social construction, identity, and recognition will be illustrated.
Peace Studies	19465	PEA_ST 22	UG	Race, Democracy, and Violence in Cuba and Haiti	(same as SOCIOL 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Peace Studies	19465	PEA_ST 22	UG	Race, Democracy, and Violence in Cuba and Haiti	(same as SOCIOL 2280, GEOG 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.

Peace Studies	20824	PEA_ST 22	UG	Race, Democracy, and Violence in Cuba and Haiti - Writing Intensive	(same as SOCIOL 2280, GEOG 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Peace Studies	19501	PEA_ST 22	UG	Large Corporations, Economic Crisis, Social Responsibility	(same as SOCIOL 2285). Institutional power of the corporate CEO; ethical regulatory restraint. Historical contexts of economic crisis. Theories of justice, alternative concepts of justice in popular culture. Politics of policy issues in prosecution and criminalization of corporate behavior. Graded on A-F basis only.
Peace Studies	21132	PEA_ST 22	UG	Sports, Protest Movements, and Conflict Resolution	This course will critically analyze the social significance of sports, focusing on events leading to and influencing protest movements and the peaceful outcomes (or lack thereof) of these movements through conflict resolution. We will identify the non-violent behaviors, strategies, and ideologies of numerous athletes such as: Muhammad Ali, Jim Brown, Harry Edwards, John Carlos and Tommy Smith, Colin Kaepernick, and their particular methods of rebellion and representation of issues. Furthermore, we will examine how fans, organizations, media, and sporting committees (i.e. International Olympic Committee) have reacted to athlete revolts, and the effectiveness of revolts in changing society.

Peace Studies	21133	PEA_ST 22	UG	Sports, Protest Movements, and Conflict Resolution - Writing Intensive	This course will critically analyze the social significance of sports, focusing on events leading to and influencing protest movements and the peaceful outcomes (or lack thereof) of these movements through conflict resolution. We will identify the non-violent behaviors, strategies, and ideologies of numerous athletes such as: Muhammad Ali, Jim Brown, Harry Edwards, John Carlos and Tommy Smith, Colin Kaepernick, and their particular methods of rebellion and representation of issues. Furthermore, we will examine how fans, organizations, media, and sporting committees (i.e. International Olympic Committee) have reacted to athlete revolts, and the effectiveness of revolts in changing society.
Peace Studies	21134	PEA_ST 22	UG	Towns in Missouri and the Midwest: Voices and Inequalities	Focusing on towns and communities and their regional history and cultural traditions, we will examine the issues and concerns of small town America in the context of recent hardships and adverse economic trends. Examples of topics to be covered include case studies of communities such as Marceline, Missouri (Walt Disney's boyhood home), race and the immigration of non-whites in to rural areas; gender roles in small communities, the role of religion in small-town identity formation, and other current issues faced by middle America". The responsiveness of government, large corporations, and institutions to the problems of diverse communities will be critically examined, with a multidisciplinary approach that will draw on key theories and works in the disciplines of sociology, rural sociology, community development, and geography."

Peace Studies	21135	PEA_ST 22	UG	Towns in Missouri and the Midwest: Voices and Inequalities - Writing Intensive	Focusing on towns and communities and their regional history and cultural traditions, we will examine the issues and concerns of small town America in the context of recent hardships and adverse economic trends. Examples of topics to be covered include case studies of communities such as Marceline, Missouri (Walt Disney's boyhood home), race and the immigration of non-whites in to rural areas; gender roles in small communities, the role of religion in small-town identity formation, and other current issues faced by "middle America". The responsiveness of government, large corporations, and institutions to the problems of diverse communities will be critically examined, with a multidisciplinary approach that will draw on key theories and works in the disciplines of sociology, rural sociology, community development, and geography.
Peace Studies	21178	PEA_ST 22	UG	Drugs, Violence and the Police in Latin America and Latina/o Communities in the United States	A regional and global perspective on the war on drugs" and violence in Latin American countries such as Mexico and Colombia, as well as the United States. The course may include units on such topics as: the recent history of gangs in US urban areas; political violence in Central America and such countries as Colombia and Venezuela; and attempts to mediate and reconcile social conflicts and war in those areas. The interplay between gangs, drug policies, policing, and citizens' action and protests in major cities of the hemisphere, such as in Argentina and Brazil. Drugs, policing, gangs, and violence as a symbolic and hot button issue in domestic politics, and the consequences for public policy and the character of the discourse about public policy."

Peace Studies	20210	PEA_ST 23	UG	Germany in War and Peace: Division and Unity 1945-89	This course will compare notions of war and peace in East (German Democratic Republic) and West Germany (Federal Republic of Germany), 1945-1989. In particular, there are three main ways to think about war and peace: 1. Dealing with the Nazi past; 2. Dealing with the Cold War present; Negotiating violence and peace within various dissent and peace movements.
Peace Studies	10842	PEA_ST 24	UG	Philosophies of War and Peace	(same as PHIL 2410). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age.
Peace Studies	20825	PEA_ST 24	UG	Philosophies of War and Peace - Writing Intensive	(same as PHIL 2410). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age.
Peace Studies	19811	PEA_ST 25	UG	Human Rights, Law, War and Peace	Interdisciplinary exploration of how human rights, law, war and peace are connected through an analysis of various theories and contemporary examples, which may include issues regarding citizenship in the United States today, the regulation of economic markets in the U.S. today, state surveillance, the military industrial complex, the manner in which gender affects the experience of warfare and individuals
Peace Studies	19603	PEA_ST 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as JOURN 3510, T_A_M 2810 and GERMAN 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing or instructor's consent.

Peace Studies	19603	PEA_ST 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as JOURN 3510, T_A_M 2810, GERMAN 3510, DST 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing or instructor's consent.
Peace Studies	20503	PEA_ST 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, T_A_M 2810H, JOURN 3510H). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing required and 2.75 GPA. Honors eligibility required.
Peace Studies	21004	PEA_ST 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors - Writing Intensive	(same as GERMAN 3510HW, T_A_M 2810HW, JOURN 3510HW). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing required and 2.75 GPA. Honors eligibility required.

Peace Studies	20826	PEA_ST 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive	(same as JOURN 3510W, T_A_M 2810W, GERMAN 3510W, DST 3510W). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only. Prerequisites: Sophomore standing or instructor's consent.
Peace Studies	19191	PEA_ST 30	UG	Topics in Peace Studies - Behavioral Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Recommended: sophomore standing.
Peace Studies	17740	PEA_ST 30	UG	Topics in Peace Studies - Humanities	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Prerequisites: sophomore standing.
Peace Studies	19512	PEA_ST 30	UG	Topics in Peace Studies - Humanities - Honors	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Prerequisites: sophomore standing. Honors eligibility required.
Peace Studies	2440	PEA_ST 33	UG	Foreigners and Dangerous Women in Greek and Latin Literature	(same as CL_HUM 3000). The study of how Greek and Roman writers depicted and reacted to other races and cultures, compared them with their own, and thereby revealed both their own values and prejudices.
Peace Studies	19418	PEA_ST 33	UG	Art of War and Peace	Exploration of selected visual art pieces and consideration of humanistic concerns during times of war and peace from various perspectives including a peace studies perspective. Viewing and discussing art within varied selected historical and cultural contexts that generated the imagery. Includes visits to studios and galleries. May be repeated for credit.

Peace Studies	19187	PEA_ST 32	UG	Terrorism and Conflict Resolution - Honors	Religious, ethnic, ideological movements; state and international reactions. Case studies from South America, Europe, Africa, Asia. Identifying problems, possible resolution. Dramatized thru discussions, documentaries, role-playing; short term paper, exams. Prerequisites: Honors eligibility required.
Peace Studies	10886	PEA_ST 32	UG	Internship in Peace Studies	Students work in a peace-related agency or institution for 1 to 3 credit hours. Repeatable for maximum of 6 hours. Graded on S/U basis only. Prerequisites: departmental consent.
Peace Studies	10887	PEA_ST 33	UG	Readings in Peace Studies	Students may receive 1 to 3 credit hours for doing readings and research in a particular area of peace studies. At least one paper will be required. Repeatable for a maximum of 6 hours. Prerequisites: instructor's consent.
Peace Studies	18391	PEA_ST 34	UG	Politics of the Media	(same as SOCIOL 3400). We look at the history and viability of the public sphere in the United States and the integral role of the media to its vitality. We analyze the impact of current trends toward media concentration and debate related issues of bias, censorship, and social control.
Peace Studies	20828	PEA_ST 34	UG	Politics of the Media - Writing Intensive	(same as SOCIOL 3400). We look at the history and viability of the public sphere in the United States and the integral role of the media to its vitality. We analyze the impact of current trends toward media concentration and debate related issues of bias, censorship, and social control.
Peace Studies	10883	PEA_ST 34	UG	After the Fact: Holocaust in Contemporary History, Art & Literature	(same as GERMAN 3440). Explores responses to the Holocaust from numerous perspectives. Considers how the Holocaust is remembered, memorialized, and debated in a variety of national contexts. Touches on historical, philosophical, and aesthetic points of view. Prerequisites: sophomore standing.

Peace Studies	19518	PEA_ST 34	UG	Native Writing and Representation	(same as ENGLISH 3490). Survey of native writing and representation from the late eighteenth century to the present, encompassing a diverse range of tribes and forms. Material will be drawn from tribes inhabiting the North American continent, but global indigenous relationships will also be addressed. Graded on A-F basis only.
Peace Studies	19795	PEA_ST 34	UG	Digital Indigenous Studies	(same as GEOG 3496). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program.

Peace Studies	19820	PEA_ST 34	UG	Digital Indigenous Studies - Honors	<p>(same as GEOG 3496H). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program. Prerequisites: Honors eligibility required</p>
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Peace Studies	20829	PEA_ST 34	UG	Digital Indigenous Studies - Writing Intensive	(same as GEOG 3496). This course introduces students to Indigenous studies in a digital world. The course begins with study of Indigenous sovereignty and representation, and moves quickly to critical and theoretical readings in new media, tracing both the historical impact of digital technologies (such as GIS) on Native communities, and the ways that both urban and rural Native communities have engaged in innovative digital projects that expand the way we understand information and storytelling in digital environments. The course materials will cover a wide range of platforms and audio-visual genres, from documentary, community video, and animation productions, to GIS, video games, and social media sites. Students will engage with both scholars and artists working with new media through a program of public lectures, classroom visits, and Skype interviews. All interview will be archived as podcasts from the course website. Students will write weekly short response papers and produce independent audio-visual projects over the course of the semester, with opportunities to revise their work leading up to substantial final projects. The course will also integrate community outreach into the curriculum through online participation of students from the Kiowa Kids, an Indigenous language immersion and storytelling program.
Peace Studies	10864	PEA_ST 35	UG	Collective Behavior	(same as SOCIOL 3520). Analysis of crowd behavior and related phenomena: rumors, disasters, fashions. Social responses to unclear, dangerous or unjust conditions. The dynamics of conflict, consensus and change.
Peace Studies	20830	PEA_ST 35	UG	Collective Behavior - Writing Intensive	(same as SOCIOL 3520). Analysis of crowd behavior and related phenomena: rumors, disasters, fashions. Social responses to unclear, dangerous or unjust conditions. The dynamics of conflict, consensus and change.

Peace Studies	17867	PEA_ST 35	UG	War and Democracy in Late 5th c. BCE Athens	(same as CL_HUM 3550). War and Democracy in Late 5th c. B.C.E. Athens explores the discourse on war and peace in Athenian texts and art that survives from the last quarter of the 5th century B.C.E. This was a period of adamantine, unrelenting warfare: the Athenians were fighting the Spartans, Sparta's allies, unaligned cities and several of their own subject states. Recommended: any 2000 level CL_HUM course.
Peace Studies	10862	PEA_ST 36	UG	Criminology	(same as SOCIOL 3600). Sociology of law; constitutional, psychological, sociological theories of criminal behavior; process of criminal justice; treatment of corrections; control of crime.
Peace Studies	10855	PEA_ST 37	UG	World Political Geography	(same as GEOG 3780). Geographic factors in the development of political boundaries traditions, and societal perspectives. Spatial patterns and geopolitical processes are explored in selected regions of the world. Prerequisites: GEOG 1100 or GEOG 1200 or sophomore standing.
Peace Studies	19958	PEA_ST 38	UG	Islam and the West	(same as HIST 3850). This course provides a historical intellectual context for the raging debate on Islam and the West. It will discuss how Muslims conceived and reacted variously to the political and cultural challenge the West posed in the nineteenth and twentieth century. It will focus on the discourse on the reception of modernization in Islam. It will highlight the political and cultural energies invested by various Muslim elite communities to distinguish between modernization and Westernization. Islamic fundamentalism, the dominant Islamic expression of our time, will be usefully discussed in the context of this debate and praxis about modernization, authenticity, and Westernization. Prerequisites: junior or senior standing.
Peace Studies	18551	PEA_ST 38	UG	Social Revolution in Latin America	(same as HIST 3870 and SOCIOL 3870). Twentieth century social revolutions in selected Latin American countries.
Peace Studies	16313	PEA_ST 40	UG	Topics in Peace Studies - Behavioral Sciences	Upperclass Topics. Subject may vary from semester to semester. Prerequisites: junior standing required.

Peace Studies	19120	PEA_ST 40	UG	Topics in Peace Studies: Humanities	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester. May be repeated to a maximum of 6 hours with departmental consent. Graded on A-F basis only. Recommended: sophomore standing.
Peace Studies	10884	PEA_ST 42	UG	Theory and Practice of Theatre of the Oppressed	(same as THEATR 4240). Theory and practice of Augusto Boal's liberatory interactive theatre process, including application of techniques of specific social issues. Prerequisites: instructor's consent.
Peace Studies	20284	PEA_ST 47	UG	Law and Society: Corporate and White Collar Crime and Malfeasance	(cross-leveled with PEA_ST 7288). Instances of corporate crime and ethical misconduct analyzed through major theories of the sociology of law including critical legal studies, Legal Realism, sociological jurisprudence, collective representation theory, state- corporate crime, rationalization of legal institutions/ critical theory, and post-structuralism. Cases to be analyzed might include mortgage lending fraud and malpractice, insider trading, pyramid schemes, the Erie Railroad scandals, and Enron, Worldcom, Tyco, and other instances in the hi tech collapse of 2001. Other topics: Corporate crime in the media and in novels and popular culture, appropriate sentencing, global corporate crime. Prerequisites: at least junior standing. Recommended: senior standing, 3.0 or above GPA, interest in graduate school.
Peace Studies	17838	PEA_ST 44	UG	War Crimes and Genocide	(same as HIST 4480). This course will explore the development of international law, international consciousness, and U.S. Foreign policy on the two distinct but often related issues of war crimes and genocide during the late 19th and throughout the 20th centuries.
Peace Studies	10888	PEA_ST 45	UG	Western Europe's Foreign Policy	Comparison of foreign policies of the major Western European countries; their roles within the European community. Study of institutions and functioning of the European community and its potential as an emerging world power. Prerequisites: junior standing.

Peace Studies	10868	PEA_ST 45	UG	Political Sociology	(same as SOCIOL 4520). Social bases of power and politics, economic and political elites, the political economy of the advanced societies, sources of political conflict and change. MA core course. Recommended: SOCIOL 3200, SOCIOL 3510, SOCIOL 3520, or SOCIOL 3700.
Peace Studies	18001	PEA_ST 45	UG	Gender and Human Rights in Cross Cultural Perspective	(same as WGST 4550 and SOCIOL 4550). This course focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of rights, Western and nonwestern perspectives, feminist contributions, important substantive debates, violations, policymaking and activism. Prerequisites: WGST 1120 or SOCIOL 2200; senior standing required.
Peace Studies	10863	PEA_ST 46	UG	Political and Social Philosophy	(same as PHIL 4600). Contemporary and/or historical theories of justice and the state. Utilitarianism, liberalism, libertarianism, Marxism, Communitarianism and feminism may be among the views covered. Prerequisites: sophomore standing or instructor's consent. Recommended: two courses in Philosophy.
Peace Studies	20075	PEA_ST 48	UG	Case Studies in an Inter/Multicultural World	(same as GERMAN 4810 and T_A_M 4810). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent.
Peace Studies	20075	PEA_ST 48	UG	Case Studies in an Inter/Multicultural World	(same as GERMAN 4810, T_A_M 4810, DST 4805). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only. Prerequisites: Sophomore standing; 2.75 GPA or instructor's consent.

Peace Studies	10856	PEA_ST 49	UG	Senior Thesis I	Senior essay on a Peace Studies topic requiring major research. Prerequisites: PEA_ST 1050, senior standing, and instructor's consent.
Peace Studies	19175	PEA_ST 49	UG	Peace Studies Abroad - Social Sciences	A study abroad experience organized by MU and led by MU faculty. Provides students with interdisciplinary study in foreign cultures, career development, and global experience with issues such as war, domestic conflict, sustainable development, human rights, and nonviolent movements for peace and justice. May be repeated for credit.
Philosophy	10954	PHIL 1000	UG	General Introduction to Philosophy	Introduction to traditional philosophical problems and methods of philosophical enquiry. Consideration given to different philosophical theories on the nature of reality, man, nature and God; knowledge and how it is acquired; values and social issues.
Philosophy	10955	PHIL 1000	UG	General Introduction to Philosophy - Honors	Introduction to traditional philosophical problems and methods of philosophical enquiry. Consideration given to different philosophical theories on the nature of reality, man, nature and God; knowledge and how it is acquired; values and social issues. Prerequisites: Honors eligibility required.
Philosophy	10972	PHIL 2100	UG	Philosophy: East and West	(same as S_A_ST 2100). Compares the interpretation and role of philosophical concepts such as experience, reason, permanence, change, immortality, soul, God, etc., in Indian, Chinese and European traditions. Prerequisites: sophomore standing.
Philosophy	10980	PHIL 2300	UG	Philosophy and Human Nature	Philosophical exploration and examination of theories of human nature with reference to relevant developments in such sciences as biology, psychology, and economics. Prerequisites: sophomore standing.
Philosophy	10983	PHIL 2410	UG	Philosophies of War and Peace	(same as PEA_ST 2410). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age. Prerequisites: sophomore standing.

Philosophy	10983	PHIL 2410	UG	Philosophies of War and Peace	(same as PEA_ST 2410). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age.
Philosophy	20832	PHIL 2410	UG	Philosophies of War and Peace - Writing Intensive	(same as PEA_ST 2410). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age. Prerequisites: sophomore standing.
Philosophy	20832	PHIL 2410	UG	Philosophies of War and Peace - Writing Intensive	(same as PEA_ST 2410W). Moral issues about the recourse to war by the nation and the individual's obligations to participate. The nature of peace, social and personal. Special attention to the Vietnam War and the nuclear age.
Philosophy	11002	PHIL 2430	UG	Contemporary Moral Issues	Review of the major contemporary ethical theories and their contribution to the resolution of major social issues such as euthanasia, suicide, abortion, capital punishment, violence and war. Emphasis on nature, interests, and rights of persons. Graded on A-F basis only. Prerequisites: sophomore standing.
Philosophy	11005	PHIL 2500	UG	Philosophy and Gender	(same as WGST 2500). A critical examination of central ideas and themes in feminist philosophical thought. Topics may include: sex, marriage, parenthood, reproduction, body image, pornography, prostitution. Prerequisites: sophomore standing.
Philosophy	21224	PHIL 2500	UG	Philosophy and Gender - Honors	A critical examination of central ideas and themes in feminist philosophical thought. Topics may include: sex, marriage, parenthood, reproduction, body image, pornography, prostitution. Prerequisites: sophomore standing; honors eligibility required.
Philosophy	10990	PHIL 3000	UG	Ancient Western Philosophy	(same as CL_HUM 3025). Philosophical thought on nature, knowledge, the gods, human life and society, from Thales to Augustine. Emphasis on Plato and Aristotle. The relevance of the ancients to contemporary life. Prerequisites: sophomore standing. Recommended: one course in Philosophy.

Philosophy	10992	PHIL 3200	UG	Modern Philosophy	Surveys critical and speculative thinking of modern period from Descartes to Kant in relation to scientific, religious and social movements. Prerequisites: sophomore standing. Recommended: one course in Philosophy.
Philosophy	20833	PHIL 3200	UG	Modern Philosophy - Writing Intensive	Surveys critical and speculative thinking of modern period from Descartes to Kant in relation to scientific, religious and social movements. Prerequisites: sophomore standing. Recommended: one course in Philosophy.
Philosophy	10976	PHIL 4220	UG	Philosophy of Religion	Considers basis for and nature of religious beliefs. Prerequisites: sophomore standing. Recommended: One course in Philosophy.
Philosophy	11038	PHIL 4600	UG	Political and Social Philosophy	(same as PEA_ST 4600). Contemporary and/or historical theories of justice and the state. Utilitarianism, Liberalism, Libertarianism, Marxism, Communitarianism and Feminism may be among the views covered. Prerequisites: sophomore standing. Recommended: two courses in Philosophy.
Physical Therapy	11332	PH_THR 2	UG	Biology of Healthy Living	(same as BIOMED 2420 and NEP 2420). Biology of inactivity as a casual factor in chronic disease.
Physical Therapy	11329	PH_THR 4	UG	Clinical Pathophysiology	(same as OC_THR 4270; cross-leveled wiht PH_THR 7270, OC_THR 7270). Interdisciplinary and case-based examination of the pathophysiology, prevention and general health management of disease/injury across the lifespan encountered in occupational and physical therapy practice. Graded on A-F basis only. Prerequisites: successful completion of prior professional coursework.
Physics and Astronomy	21180	PHYSCS 1	UG	Energy and Energy Technology - Honors	Explore issues in energy, energy production and energy use from a science and technology perspective. Students will learn through a combination of lectures, classroom activities, a writing assignment, open-ended discussion, and student presentations. Graded on A-F only. Prerequisites: Honors eligibility required.

Physics and Astronomy	20334	PHYSCS 25	UG	The Beautiful Invisible: Exploring Physics, Fiction, and Reality	This course explores the conceptual structure of modern physics from a humanistic perspective. Rather than describing the natural world as it is", physical science weaves some key observations in a convincing and memorable narrative. It is not within its power to explain reality, but it can make it understandable, sometimes even predictable. Due to the presence of internal and external constraints, physical theories are akin to myths, i.e., fiction created by many authors over an extended period of time. The mythical character of a theory does not diminish its scientific validity - quite the contrary. Convincing myths are not easily found and better observations demand better myths. The mythical content of the theory is not some extraneous content that we introduce for the sake of popularization, but an essential part of the science itself."
Plant Sciences	501	PLNT_S 10	UG	Plant Science Orientation	Introduction to perspectives, comprehensiveness, and current issues in the plant sciences. Involves independent learning, faculty interviews, and oral and written communication about agronomy, horticulture, entomology, and plant pathology.
Plant Sciences	11645	PLNT_S 20	UG	Environmental Horticulture	Investigate interrelationships between plants and the environment. Special emphasis placed on improving homeowners' environmental stewardship and their knowledge of sustainable practices. Graded on A-F basis only.
Plant Sciences	505	PLNT_S 21	UG	Introduction to Soils	(same as SOIL 2100). Introduction to soil sciences with emphasis placed on physical, biological, and chemical properties and application to land use, plant growth and environmental problems. Recommended: 3 hrs of Chemistry.
Plant Sciences	4981	PLNT_S 27	UG	Insects in the Environment	Ways in which insects are adapted for life in particular environments, basics of morphology, taxonomy; how important insect pests affect food and crop production, and principles of control.

Plant Sciences	521	PLNT_S 32	UG	Grain Crops	Lecture and discussion covering production and utilization, plus growth and development of a wide range of grain crops, including Missouri crops. Problem solving tasks include agronomics, economics and environmental factors. Prerequisites: PLNT_S 2110 or PLNT_S 2125.
Plant Sciences	11656	PLNT_S 43	UG	Precision Agriculture Science and Technology	(same as AG_S_M 4360, SOIL 4360; cross-leveled with PLNT_S 7360, AG_S_M 7360, SOIL 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: PLNT_S 2100 or SOIL 2100, or PLNT_S 2110, or instructor's consent.
Plant Sciences	11601	PLNT_S 45	UG	Biology and Pathogenesis of Plant-Associated Microbes	(cross-leveled with PLNT_S 7500). Diagnosis of diseases of plants caused by fungi, nematodes, viruses and bacteria. Environmental and genetic factors leading to disease development and strategies for disease management, including biotechnology. Prerequisites: 5 hours from the following courses: BIO_SC 1010, BIO_SC 1020, BIO_SC 1030, BIO_SC 1100, BIO_SC 1200 or BIO_SC 1500; and completion of 60 credit hours.
Plant Sciences	11598	PLNT_S 45	UG	Environmental Microbiology	Fundamental knowledge of selected microbial processes that are important in agriculture, environmental detoxification, and microbial biotechnology. Emphasis is on molecular, genetic and physiological aspects of nitrogen metabolism, bioconversions, antibiosis and biocontrol.

Plant Sciences	5007	PLNT_S 47	UG	Insect Pest Management for Plant Protection	(cross-leveled with PLNT_S 7730). History and concepts of Integrated Pest Management of insect pests, emphasizing complementary use of biological control, plant resistance, environmental manipulations, genetic manipulations, and selective use of insecticides. Prerequisites: PLNT_S 3710 or instructor's consent.
Political Science	11680	POL_SC 10	UG	Topics in Political Science - Social Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester.
Political Science	11674	POL_SC 14	UG	International Relations	Contemporary international affairs including family of nations, control of national foreign policies, competition and cooperation in legal, political, economic, social fields.
Political Science	11675	POL_SC 14	UG	International Relations - Honors	Contemporary international affairs including family of nations, control of national foreign policies, competition and cooperation in legal, political, economic, social fields. Prerequisites: Honors eligibility required.
Political Science	11707	POL_SC 20	UG	Topics in Political Science - Social Science	Organized study of selected topics. Subjects and earnable credit may vary from semester to semester.
Political Science	20072	POL_SC 24	UG	American Constitutional Democracy	(same as HIST 2445) This course offers an introduction to American constitutional democracy. On the one hand, this course will strive to set the development of America's constitutional democracy into its historical context and to explain it in relation to larger social, political, military, and economic events. A second emphasis is on the nature and character of the American democratic system. Graded on A-F basis only.
Political Science	20333	POL_SC 24	UG	The Intellectual World of the American Founders	This course demonstrates that truly understanding the American constitutional and democratic traditions begins with acknowledging and studying how, in framing the Constitution and in imagining the new nation, the Founders drew on the work and cobbled together the ideas of thinkers from multiple eras and continents and, moreover, thinkers of vastly different political ideologies and disciplinary expertise. Prerequisites: POL_SC 1100.

Political Science	20333	POL_SC 24	UG	The Intellectual World of the American Founders	This course demonstrates that truly understanding the American constitutional and democratic traditions begins with acknowledging and studying how, in framing the Constitution and in imagining the new nation, the Founders drew on the work and cobbled together the ideas of thinkers from multiple eras and continents and, moreover, thinkers of vastly different political ideologies and disciplinary expertise.
Political Science	20362	POL_SC 24	UG	The Intellectual World of the American Founders - Honors	This course demonstrates that truly understanding the American constitutional and democratic traditions begins with acknowledging and studying how, in framing the Constitution and in imagining the new nation, the Founders drew on the work and cobbled together the ideas of thinkers from multiple eras and continents and, moreover, thinkers of vastly different political ideologies and disciplinary expertise. Prerequisites: POL_SC 1100; Honors eligibility required.
Political Science	20362	POL_SC 24	UG	The Intellectual World of the American Founders - Honors	This course demonstrates that truly understanding the American constitutional and democratic traditions begins with acknowledging and studying how, in framing the Constitution and in imagining the new nation, the Founders drew on the work and cobbled together the ideas of thinkers from multiple eras and continents and, moreover, thinkers of vastly different political ideologies and disciplinary expertise. Prerequisites: Honors eligibility required.
Political Science	11789	POL_SC 24	UG	American Political Thought	Examines major themes that shaped three centuries of American political thought, including slavery, religion, and the tension between unity and difference. Readings are drawn from primary sources (Jefferson, Adams, Mason, Tocqueville, Calhoun, Lincoln, Stowe, Baldwin) as well as contemporary analytic commentary on those sources (Bercovitch, Hartz, Wolin, Guinier, Morrison). Prerequisites: sophomore standing.

Political Science	19834	POL_SC 3	UG	Nation Building through a Barrel of a Gun	(same as MIL_SC 3164). This course was developed to provide students the opportunity to examine the dilemmas of military intervention, nation-building/peacekeeping operations and exit strategies. This course is designed to challenge students to think critically and arrive at their own conclusions about the use of military power to settle differences between nations, and use of military forces to conduct nation building.
Political Science	11727	POL_SC 4	UG	Topics in Political Science - Social Science	Organized study of selected topics. Subjects and earnable credit vary from semester to semester.
Political Science	11766	POL_SC 4	UG	Political Behavior	Economic, psychological, and social dimensions of political behavior; participation, leadership and elites; political attitudes; voting behavior and decision-making processes. Prerequisites: POL_SC 3000.
Political Science	11740	POL_SC 4	UG	African-American Politics	(same as BL_STU 4130). Surveys political participation of African-Americans in American politics. Analyzes their public lives in the context of elections, behavior of political organizations, social movements, parties, and level of government. Prerequisites: POL_SC 1100 and junior standing.
Political Science	11762	POL_SC 4	UG	Interest Groups	Development, organization, functions, activities, internal politics of special interest groups such as business, labor, agricultural and public interest groups; lobbying and techniques for influencing public policy in the American political system. Prerequisites: POL_SC 1100 and junior standing.
Political Science	11815	POL_SC 4	UG	Theories of International Relations	Surveys Theories of International Relations. Analyzes conceptions of decision-making, foreign policy behavior and international society. Prerequisites: junior standing
Political Science	11865	POL_SC 4	UG	Peacekeeping and Intervention	This course will survey the causes and consequences of peacekeeping and intervention as well as assess the conditions that lead to successful and failed missions. Prerequisites: junior standing.

Political Science	11731	POL_SC 44	UG	Politics of International Economic Relations	Study of reciprocal interaction between global politics and economics. Includes politics of north/south relations, multinational non-state actors, arms transfers and dependency. Prerequisites: junior standing.
Political Science	19925	POL_SC 44	UG	Global Human Rights	Human rights violations are widespread. The majority of of the world's citizenry lives with inadequate civil and political and economic, social, and cultural rights, often with dire consequences on economic and human security. What caused this situation? And, moreover, what can be done to fix it? This course focuses on the social scientific study of human rights. We will focus on scientific explanations of the rise of the human rights movement, political and economic explanations for human rights conditions, and the effects of advocacy efforts concerning human rights. After this class, you will have not only an understanding of the major players and factors influencing human rights, but a base understanding of the social scientific processes which govern human rights conditions and improvements. As such, this class is not a history class or a class on current events. Though current and historical events will be discussed, your grade will not depend on your rote memorization of these events. Instead, the focus will be on understanding the underlying interests of important actors towards human rights, the arenas in which these actors interact, and the rules which govern their interactions. This focus on the basic principles will provide you with a rich practical knowledge of human rights. At the conclusion of the course, you will be able to actively engage with the global human rights community. Prerequisites: POL_SC 1100.
Political Science	11814	POL_SC 44	UG	International Organization	Forms and functions of governmental (United Nations, European Union, NATO) and nongovernmental international organizations. Prerequisites: POL_SC 1100 and junior standing.

Political Science	11816	POL_SC 4	UG	The European Union in the Global System	Provides an understanding of the European Union from the perspective of international relations and comparative politics. Topics covered pertain to the institutions, politics and policies of the European Union and its member states. Prerequisites: POL_SC 1100 and POL_SC 1400 and junior standing.
Political Science	18265	POL_SC 4	UG	Latin American Politics through Film	This course provides an introduction to Latin American politics using the medium of film to illustrate the complexities of political development, regime change, revolutionary movements, and problems facing new democracies such as crime, poverty, drugs, and democratic stability.
Political Science	17151	POL_SC 4	UG	The Politics of Modern Europe	The course is an introduction to the politics of modern Europe. Europe provides an ideal setting to explore the central concepts and debates of comparative politics in industrialized countries. The course introduces the wide variety of political institutions, political economics and cultures existing in contemporary Europe and probes the question how such discrepancies might affect political outcomes and the possibility to coordinate EU policy. Several central topics in comparative politics, including political parties, elections, the welfare state, civil society and corruption will be introduced with application to modern European democracies. Graded on A-F basis only. Prerequisites: POL_SC 1100, Junior Standing (or instructor's consent).

Political Science	17151	POL_SC 40	UG	The Politics of Modern Europe	The course is an introduction to the politics of modern Europe. Europe provides an ideal setting to explore the central concepts and debates of comparative politics in industrialized countries. The course introduces the wide variety of political institutions, political economics and cultures existing in contemporary Europe and probes the question how such discrepancies might affect political outcomes and the possibility to coordinate EU policy. Several central topics in comparative politics, including political parties, elections, the welfare state, civil society and corruption will be introduced with application to modern European democracies. Graded on A-F basis only. Prerequisites: POL_SC 1100 and Junior Standing.
Political Science	11885	POL_SC 40	UG	Canada in North America	This course focuses on the role of Canada in North America. The main topic areas include the evolution of Canada as a political system; political structures and processes; regionalism and social movements; political, economic and social connections with North America; and the future of Canada in North America. Prerequisites: POL_SC 2600.
Political Science	20073	POL_SC 40	UG	Chinese Politics and Foreign Policy	This course is intended to introduce you to the history and analysis of Chinese politics and foreign policy since 1949. The course has two main goals. The first is that during the semester, you should learn the key historical events in Chinese political development and foreign policy. Second, you will examine these events and developments in light of major theories in comparative politics and international relations. Prerequisites: POL_SC 1100 and POL_SC 1400 or Instructor's permission.

Political Science	20499	POL_SC 4	UG	North and South Korea	This course is an introduction to the development of North and South Korea since 1945. By the end of the semester, students will 1) Know the key events and historical trends in the political development and foreign policy of the two Koreas 2) Be able to explain these developments using major theories in comparative politics and international relations We will focus on processes of continuity and change, both for the two political systems and for the everyday lives of individuals on both sides of the DMZ. We will explore the questions and topics covered in the course using historical, literary, and audiovisual materials. Prerequisites: POL_SC 1100.
Political Science	20498	POL_SC 4	UG	America's Wars in Asia/War and Peace in Asia	This course is an introduction to the causes and character of conflict in Asia, especially the conflicts that either have involved or could plausibly involve the United States of America. These conflicts often combine aspects of civil conflict with aspects of international politics, and one of the important themes of the course will be to look at Asia's conflicts through both of these lenses. In addition, we will examine America's foreign policy options and how it selected strategies to deal with these conflicts. By the end of the semester, students will 1) Be familiar with the key historical events and concepts related to conflict in East Asia 2)Be able to explain these developments using a range of major theories and conceptual lenses in comparative politics and international relations. The course will explore the questions and topics covered in the course using historical, literary, and audiovisual materials. Prerequisites: POL_SC 1100.
Political Science	11721	POL_SC 4	UG	Terrorism: Religious, Ethnic and Ideological Politics	Terrorism as political violence extending beyond the acts themselves. Examines major modern movements, e.g. Northern Ireland, Basques (Spain), Germany, Algeria, Arab-Israeli, Iran, India, Sri Lanka, Peru, Argentina, Uruguay. Prerequisites: junior standing.

Political Science	11796	POL_SC 48	UG	Contemporary Political Theory	Great contemporary thinkers on Western vs. Eastern Marxism, existentialism, critical theory, political theologies, postmodernism, feminism, environmentalist ideologies, biological approaches to politics. Prerequisites: junior standing or instructor's consent.
Political Science	11818	POL_SC 48	UG	Political Science Capstone	Readings and discussions in selected areas of political science (comparative, American, international affairs, public administration/policy or theory). Subject depends on instructor. Prerequisites: political science major, senior standing.
Psychological Sciences	12127	PSYCH 100	UG	Applied Psychology	Surveys wide range of applications of psychology. Topics include social issues (prejudice and violence), applications to fields such as business and law, applications for personal improvement (improving memory), and others (sports, health, environment). Prerequisites: PSYCH 1000.
Psychological Sciences	12127	PSYCH 100	UG	Applied Psychology	Surveys wide range of applications of psychology. Topics include social issues (prejudice and violence), applications to fields such as business and law, applications for personal improvement (improving memory), and others (sports, health, environment).
Psychological Sciences	12143	PSYCH 220	UG	Mind, Brain, and Behavior	Introduction to the structures and processes of the mind and the nervous system, including the psychobiology of eating, sleeping, emotion, stress and learning. No credit if taken after PSYCH 4210. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000
Psychological Sciences	12149	PSYCH 220	UG	Drugs and Behavior	Basic principles of drug action on the nervous system; the effects of important psychoactive drugs; drug use and society. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.

Psychological Sciences	12195	PSYCH 23	UG	Social Psychology	An introduction to how people's thoughts, feelings and behaviors are influenced by the actual or imagined thoughts, feelings and behaviors of others. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.
Psychological Sciences	12154	PSYCH 23	UG	Introduction to Personality	Personality is the scientific study of individual differences (e.g., traits, motives, abilities). This course reviews historical theoretical perspectives as well as current research. Students will have an opportunity to learn about on their own motives and traits. Prerequisites This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.
Psychological Sciences	12154	PSYCH 23	UG	Introduction to Personality	Personality is the scientific study of individual differences (e.g., traits, motives, abilities). This course reviews historical theoretical perspectives as well as current research. Students will have an opportunity to learn about on their own motives and traits. Prerequisites: This course may be restricted to undergraduate psychology majors during Early Registration. Recommended: PSYCH 1000.
Psychological Sciences	12155	PSYCH 24	UG	Developmental Psychology	Origins and development of child behavior, emphasizing basic physical, cognitive, affective and social processes, and theory and research rather than application or guidance. Cannot receive credit for more than one of the following: PSYCH 2410, H_D_FS 2420 or H_D_FS 3420 or ESC_PS 2500. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.
Psychological Sciences	12158	PSYCH 25	UG	Survey of Abnormal Psychology	Basic survey of maladaptive human behavior and experience, including personality disorders, alcohol and drug abuse, anxiety and mood disorders, sexual dysfunctions, and thought disorders. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.

Psychological Sciences	12145	PSYCH 28	UG	Human Sexuality	Survey of research on sexual behavior including sex norms, gender identity, sexual dysfunctions, sexual deviation, homosexuality, and legal aspects of sexual behavior. Attendance at small group discussions may be required at the option of the instructor. Prerequisites: This course may be restricted to Undergraduate Psychology Majors during Early Registration. Recommended: PSYCH 1000.
Psychological Sciences	12178	PSYCH 31	UG	Decisions, Values and Choice	Survey of factors influencing choices and decisions. Topics include cause and effect decisions, values and ethical considerations, outcome likelihood, biases and heuristics, concept formation, self-control and impulsiveness, and social factors. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.
Psychological Sciences	12197	PSYCH 33	UG	Intergroup Relations	Provides an overview of the social psychological literature on stereotyping, prejudice, discrimination, and intergroup relations. Students learn theoretical frameworks and research findings regarding the development and maintenance of intergroup conflict. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.
Psychological Sciences	12204	PSYCH 33	UG	Functions and Processes of the Self	Explores classic and contemporary theory and research on the self" from a social psychological perspective. Topics focus on such areas as self-esteem, self-consistency, self-regulation, self-presentation and self-enrichment. Prerequisites: PSYCH 2310."
Psychological Sciences	19903	PSYCH 33	UG	Automatic Social Judgments	In this course we will survey the area of social psychology dealing with automatic social judgments, including an introduction to the topic, review of techniques used to measure automatic social judgments, and discussion of applications of automatic social judgment research. Graded on A-F basis only. Prerequisites: PSYCH 1000. This course may be restricted to Psychology majors through early registration.

Psychological Sciences	12185	PSYCH 34	UG	Infancy	Overview of theory and research on the development of infants and toddlers, with an emphasis on major research methods that are currently in use. Topics include infant perception, sociality, motor development, early communication, language development and attachment. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.
Psychological Sciences	16355	PSYCH 34	UG	Social Development in Childhood	Overview of children's social and emotional development (infancy-adolescence), includes changes in social domains, impact of social functioning on subsequent development, and influence of interpersonal contexts (e.g., family, peers, community) on children's development. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.
Psychological Sciences	20900	PSYCH 34	UG	Women's Professional Development	This class takes a lifespan developmental perspective in regards to understanding challenges in women's professional development. Topics include: perceptions and stereotypes of successful women, division of labor in families (housework versus paid work), motherhood and the work place, social policies for working parents, girls' and boys' interests in STEM professions, and gender and workplace economics (starting salaries, negotiation, the gender pay gap). Graded on A-F basis only. Prerequisites: PSYCH 1000. This course may be restricted to undergraduate psychology majors through early registration.
Psychological Sciences	12279	PSYCH 38	UG	Law and Psychological Science	This survey course examines the interactions of law and psychology across the justice system. Emphasis is placed on how psychological research does (and does not) inform important legal issues. Requirements may include an in-class team debate of relevant controversy in law. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.

Psychological Sciences	19112	PSYCH 38	UG	African-American Psychology	(Same as BL_STU 3100 and ESC_PS 3100). The research, theories and paradigms developed to understand the attitudes, behaviors and psychosocial realities of African-Americans are discussed. Graded on A-F basis only. Prerequisites: PSYCH 1000.
Psychological Sciences	19112	PSYCH 38	UG	African-American Psychology	(Same as BL_STU 3100 and ESC_PS 3100). The research, theories and paradigms developed to understand the attitudes, behaviors and psychosocial realities of African-Americans are discussed. Graded on A-F basis only. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors through Early Registration.
Psychological Sciences	12240	PSYCH 43	UG	Human Inference and Social Judgement	Focuses on social and cognitive research examining judgment and decision-making. Both person-centered judgments (e.g., attributions) and nonperson-centered judgments (e.g., covariation detection) are included. Prerequisites: PSYCH 2310 and PSYCH 3120.
Psychological Sciences	17762	PSYCH 43	UG	Stereotypes and Prejudice	This course provides an overview of theory and research on stereotypes, prejudice, and discrimination from a social-psychological perspective. Course material comes primarily from textbook and supplementary readings, in addition to videos related to these topics. Prerequisites: PSYCH 1000. This course may be restricted to Undergraduate Psychology Majors during Early Registration.
Psychological Sciences	12214	PSYCH 45	UG	Community Psychology	Examines the theory and practice of community psychology. Topics covered include prevention, self-help/mutual help, empowerment, consultation, and program evaluation. Prerequisites: PSYCH 1000.
Psychological Sciences	20327	PSYCH 45	UG	Autism Mentor Program	The Autism Mentor Program and its accompanying course are designed to educate and train student mentors to be of assistance to their peers on the autism spectrum. The student will have an opportunity to participate in class and interact weekly with their mentee in a practical learning environment. Graded on A-F basis only. Prerequisites: PSYCH 1000.

Psychological Sciences	20327	PSYCH 45	UG	Autism Mentor Program	The Autism Mentor Program and its accompanying course are designed to educate and train student mentors to be of assistance to their peers on the autism spectrum. The student will have an opportunity to participate in class and interact weekly with their mentee in a practical learning environment. Graded on A-F basis only. Prerequisites: PSYCH 1000 or PSYCH 2510.
Psychological Sciences	12380	PSYCH 48	UG	Cross-Cultural Psychology	This course aims to explore relationships between cultural variables and human behavior, and to look at recent attempts by cross-cultural psychologists to devise theories that reflect the cultural, social and developmental perspectives on behavior. Prerequisites: PSYCH 1000. This course is restricted to juniors and seniors.
Psychological Sciences	12381	PSYCH 48	UG	Cross-Cultural Psychology - Honors	The Cross-cultural Psychology course aims to explore relationships between cultural variables and human behavior, and to look at recent attempts by cross-cultural psychologists to devise theories that reflect the cultural, social and developmental perspectives on behavior. Prerequisites: PSYCH 1000; Honors eligibility required. Restricted to sophomores and above.
Psychological Sciences	12152	PSYCH 48	UG	Psychology of Women	(same as WGST 4830). Overview of current theories and research relating to the psychology of women. Topics include gender stereotyping, psychological sex differences, achievement motivation in women, and women and mental health. Prerequisites: PSYCH 1000.
Psychological Sciences	12199	PSYCH 48	UG	The Self and Social Interaction	This course examines the self, its antecedents and consequences from a theoretical and experimental perspective. Prerequisites: PSYCH 2310.
Psychological Sciences	12242	PSYCH 48	UG	Social Motivation	Study of social determinants of individual behavior including affiliation, achievement, aggression, social exchange and social comparison processes. Emphasis on theoretical integration of recent finds. Prerequisites: PSYCH 2310.

Psychological Sciences	12277	PSYCH 49	UG	Social/Personality Capstone	Experimental methods course emphasizing research in social psychology. Enrollment limited to psychology majors with senior standing who have a grade of C or better in PSYCH 3020. Prerequisites: Instructor's consent required.
Psychological Sciences	12277	PSYCH 49	UG	Social/Personality Capstone	Experimental methods course emphasizing research in social psychology. Enrollment limited to psychology majors with senior standing who have a grade of C or better in PSYCH 3020. Prerequisites: Consent required.
Religious Studies	12800	REL_ST 11	UG	Introduction to Religion - Honors	Engages students in reflection on the religious questions that human existence poses, and introduces them to conceptual tools for understanding and evaluating answers which have emerged in human history. Prerequisites: Sections are restricted to Freshman and Sophomores only and Juniors and Seniors only. Honors eligibility required.
Religious Studies	12803	REL_ST 20	UG	Topics in Religious Studies- General	Organized study of selected topics which vary by semester and are announced at time of registration.
Religious Studies	12804	REL_ST 20	UG	Topics in Religious Studies- Humanities	Organized study of selected topics which vary by semester and are announced at time of registration.
Religious Studies	12763	REL_ST 21	UG	Indigenous Religions	(same as ANTHRO 2100). Explores the central aspects of religious life in indigenous communities. Focusing on specific groups, it considers individual and group identity, the meaning of the sacred, and the impact of foreign domination.
Religious Studies	12764	REL_ST 21	UG	Indigenous Religions - Honors	(same as ANTHRO 2100H). Explores the central aspects of religious life in indigenous communities. Focusing on specific native communities, it considers individual and group identity and the meaning of the sacred. Prerequisites: Honors eligibility required.
Religious Studies	12759	REL_ST 21	UG	Religions of the World	This course introduces students to a variety of religious traditions through the study of their myths, rituals, beliefs, and practices, and explores approaches to the academic study of religion.

Religious Studies	19801	REL_ST 22	UG	Death and Dying in the Western World	<p>Drawing on theoretical perspectives and evidence from both religious and American studies, this course examines death and dying in America by focusing on psycho-social, cultural, and historical themes. Through course readings, lectures, and audio-visual media shifting attitudes towards the dead, as well as the treatment and management of the corpse will be examined. In addition to our text book, which will provide an intellectual framework for thinking about death and dying, this course is organized chronologically around case studies or key events. For example, we will examine the Civil War, a war that resulted in the terrible destruction of thousands of bodies along with new methods for burying and preserving the dead. We will also take a look at psycho-social and cultural attitudes towards death from the perspective of American war vets. We conclude this course by taking a close look at living and dying on death row, the death penalty, and the role of the state in putting people to death.</p>
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Religious Studies	19801	REL_ST 22	UG	Death and Dying in the Western World	<p>Death is a topic most Americans wish to avoid. Once we were very familiar with it since people before the mid-19th c. usually died at home, their bodies mourned at home, and then buried either in a designated public space or on their property (especially in the South). Today, most people die in hospitals or medical-oriented institutions (like nursing homes). Because death is so hidden (even disguised) most of us have never seen a dead body except in film or on television and those bodies are often a result of an exceptionally gruesome, yet highly staged death. Hidden death in everyday life has led to the fact that most Americans are unfamiliar with death and even outright afraid of it. People unconsciously treat death, the process of dying, and grief as a sort of infectious disease. However, death surrounds us both personally and collectively and this means that the living and the dead do not exist (and have never existed) in completely separate realms. This class explores how death has historically been approached in the Western world and familiarizes us with different types of death (natural death, death by execution, death from illness, and death by murder). Using a religious studies and American studies approach we will examine overarching themes of grief, loss, mourning, and even anger in association with death and dying.</p>
Religious Studies	12876	REL_ST 22	UG	Religious Perspectives on Peace and War	<p>This course explores religious justification for war as well as religious perspectives on peacemaking. We engage these issues through the investigation of a variety of religious leaders and traditions, drawing from contemporary and historical examples. Traditions studied can include Jewish, Christians, Buddhist, Hindu, Islamic, and indigenous illustrations.</p>

Religious Studies	20114	REL_ST 22	UG	Gods, Dwarves, and Dragons: Introduction to Old Norse Mythology	This course is an introduction to the pre-Christian religion and mythology of Northern Europe. Topics covered include Old Norse society, gender roles, and values. Main deities and mythological figures are explored through images and texts. Graded on A-F basis only.
Religious Studies	12781	REL_ST 22	UG	Religion and Literature	This course explores religious themes such as myth, rituals and rites, sacred power, transcendence, salvation, and pilgrimage in secular literature. Selections in English, include novels and short stories from a variety of cultures and religious traditions.
Religious Studies	12782	REL_ST 22	UG	Modern Literature and the Quest for Values - Honors	This course is an interdisciplinary study of the religious and ethical questions, quests, and solutions in the literary works of selected modern writers: Beckett, Eliot, Camus, Kazantzakis, O'Connor, Updike, Wiesel, Percy and Morrison. Prerequisites: Honors eligibility required.
Religious Studies	12908	REL_ST 22	UG	Biblical Themes in American Literature	This course is a study of the reinterpretation of Hebrew scriptures and New Testament sources in classic American texts. The works of Melville, Faulkner, MacLeish, Baldwin, O'Connor, Updike, Percy, and Morrison create a history of certain American ideas as they transform traditional biblical figures and ideas.
Religious Studies	12878	REL_ST 23	UG	Religions of China and Japan	Introduction to the religions of East Asia, focusing on both popular beliefs and institutionalized religion. Topics include: Buddhist, Confucian, and Daoist traditions of China; Buddhism and Shinto in Japan; self-cultivation practices; spirit mediumship; ritual; cosmology; religion and society; religion and the state.
Religious Studies	12879	REL_ST 23	UG	Religions of China and Japan - Honors	Introduction to the religions of East Asia, focusing on both popular beliefs and institutionalized religion. Topics include: Buddhist, Confucian, and Daoist traditions of China; Buddhism and Shinto in Japan; self-cultivation practices; spirit mediumship; ritual; cosmology; religion and society; religion and the state. Prerequisites: Honors eligibility required.

Religious Studies	19800	REL_ST 24	UG	Jewish Ethics	The study and discussion of selected traditional and modern Jewish ethics (e.g., anger, fair speech, gratitude, charity, the animal world) that derive from ancient sources such as the Hebrew Bible, the Talmud, Rabbinic commentaries and contemporary resources.
Religious Studies	12750	REL_ST 25	UG	Introduction to the Hebrew Bible and its World	An introduction to the literature of the Hebrew Bible in its Ancient Near Eastern cultural context. Students are exposed to the art, archaeology, literature, and histories of the great civilizations of the ANE and their impact on Israelite history and the formation of the Hebrew Bible. Emphasis is placed on the development and changes in Israelite theology in response to historical circumstances over the centuries that witnessed the Hebrew Bible's composition, compilation, and canonization.
Religious Studies	12751	REL_ST 25	UG	Introduction to the Hebrew Bible and its World - Honors	An introduction to the literature of the Hebrew Bible in its Ancient Near Eastern cultural context. Students are exposed to the art, archaeology, literature, and histories of the great civilizations of the ANE and their impact on Israelite history and the formation of the Hebrew Bible. Emphasis is placed on the development and changes in Israelite theology in response to historical circumstances over the centuries that witnessed the Hebrew Bible's composition, compilation, and canonization. Prerequisites: Honors eligibility required.
Religious Studies	12753	REL_ST 25	UG	Introduction to the New Testament and its World	An introduction to the books of the New Testament and the methods and principles guiding its academic study. Emphasis is placed on Jesus' and his disciples' Jewish heritage and the relationship and interactions between Judaism and Christianity over the decades the NT books were written and compiled. Attention is given to the character of the Roman world in which Christianity grew and found the bulk of its converts. Finally, stress is given to the texts that were not accepted into the canonical NT, the Christians whose views those texts represent, and their differences from those Christians whose views became orthodox.

Religious Studies	12754	REL_ST 25	UG	Introduction to the New Testament - Honors	An introduction to the books of the New Testament and the methods and principles guiding its academic study. Emphasis is placed on Jesus' and his disciples' Jewish heritage and the relationship and interactions between Judaism and Christianity over the decades the NT books were written and compiled. Attention is give to the character of the Roman world in which Christianity grew and found the bulk of its converts. Finally, stress is given to the texts that were not accepted into the canonical NT, the Christians whose views those texts represent, and their differences from those Christians whose views became orthodox. Prerequisites: Honors eligibility required.
Religious Studies	12768	REL_ST 27	UG	Islam	Examines the historical development of Islamic traditions, noting the manner in which various sects & factions understand religion, humanity and God.
Religious Studies	20901	REL_ST 28	UG	Religious History of the Middle East II	This course is a historical introduction to the religions of the pre-modern and modern Middle East. It follows the histories of Judaism, Christianity, and Islam from the defeat of the Mongol army in Palestine in 1260 to the present day. In particular it focuses on the social, political, and economic interactions of the Jewish, Christian, and Muslim populations, and the role religion has (and has not) played in the formation and development of the modern Middle East. Graded on A-F basis only.
Religious Studies	12783	REL_ST 29	UG	Contemporary Religious Thought	Explores issues within contemporary Christian theology that cut across denominational lines such as: the nature and existence of God; secularization, relativism, and humanism; the authority of the Bible; attitudes toward other religions; the moral integrity of Christianity; and the purpose of human existence.
Religious Studies	12902	REL_ST 29	UG	Religion and Contemporary Social Issues	Study of the social ethics of Jewish and Christian theologians and movements of the 19th and 20th centuries and an examination of selected social problems in light of these systems.

Religious Studies	12780	REL_ST 29	UG	Religion and Psychological Perspectives	Examines how religion is understood from various psychological perspectives, and how psychological theories reflect religious presuppositions about the nature and purpose of human life.
Religious Studies	21011	REL_ST 29	UG	African Religions	(same as BL_STU 2940). This course will serve as an introduction to various forms of religiosity in sub-Saharan Africa. Greater emphasis will be devoted to the indigenous religious traditions of the continent, but we will also examine Christianity and Islam as they are practiced on the continent. The aim of this class is to help students to better understand various aspects of African cultures by dismantling stereotypes and assumptions that have long characterized the study of religions in Africa. The readings and lectures are will be drawn from historical, anthropological, sociological, and literary sources. Graded on A-F basis only.
Religious Studies	12898	REL_ST 29	UG	Directed Readings in Religious Studies	Independent readings selected in consultation with supervisory faculty member. May not be repeated. Prerequisites: instructor's consent.
Religious Studies	12810	REL_ST 30	UG	History of Religion in America to the Civil War	(same as HIST 3000). Surveys major American religious traditions, patterns, and themes from 1492 to the Civil War, especially the role of religion in American social, cultural, and political developments. Prerequisites: sophomore standing or instructor's consent.
Religious Studies	12808	REL_ST 30	UG	History of Religion in America to the Civil War - Honors	Surveys major American religious traditions, patterns, and themes from 1492 to the Civil War, especially the role of religion in American social, cultural, and political developments. Prerequisites: sophomore standing or instructor's consent. Honors eligibility required.
Religious Studies	12789	REL_ST 30	UG	Topics in Religious Studies-General	Organized study of selected topics which vary by semester and are announced at time of registration.
Religious Studies	12790	REL_ST 30	UG	Topics in Religious Studies-Humanities	Organized study of selected topics which vary by semester and are announced at time of registration.

Religious Studies	18186	REL_ST 31	UG	Religious Literacy for the Public and Professions	This course teaches students to engage and encounter religion in day-to-day life and in the professional workplace. Its primary goal is to examine religious diversity in private and professional contexts from a practical standpoint by examining a variety of case studies.
Religious Studies	12823	REL_ST 32	UG	Hinduism	(same as S_A_ST 3200). Origin and development of central themes of traditional Hinduism from earliest times to the modern period. Topics include: the Vedic tradition, rituals and practice, varieties of yoga, and meditation, Indian religious thought, and devotional Hinduism.
Religious Studies	17796	REL_ST 32	UG	History of Religion in Post-Civil War America	(same as HIST 3210). Surveys major American religious traditions, patterns, and themes from 1865 to the present, especially the role of religion in American social, cultural and political developments.
Religious Studies	18243	REL_ST 32	UG	History of Religion in Post-Civil War America - Honors	Surveys major American religious traditions, patterns, and themes from 1865 to the present, especially the role of religion in American social, cultural and political developments. Prerequisite: sophomore standing or instructor's consent. Prerequisites: Honors Eligibility Required.
Religious Studies	12883	REL_ST 32	UG	Buddhism in East Asia	This course will trace the transmission of Buddhism from the Indian subcontinent to China, and from there to Korea and Japan. We will examine the historical development of East Asian forms of Buddhism, deal with key issues of Buddhist thought and practice, and look at the role of Buddhism in modern East Asian societies. Prerequisites: REL_ST 2110, REL_ST 2300, REL_ST 2310 or REL_ST 3200, or instructor's consent.

Religious Studies	19199	REL_ST 32	UG	Hindu Goddesses	This course examines the vast range of Hindu Goddesses and their worship in South Asia. It includes information about goddess origins, mythology, symbolism, and attendant ritual practices. In order to approach this topic, background information about the history of Hinduism, major religious narratives, devotional practices, and iconographic representations of the divine are discussed. The course introduces the approaches of various scholars to Hindu Goddess worship within the context of religion, social relations, and gender roles, and explores ways in which South Asian women experience and negotiate feminine power in contemporary socio-cultural contexts.
Religious Studies	19199	REL_ST 32	UG	Hindu Goddesses	(same as S_A_ST 3261). This course examines the vast range of Hindu Goddesses and their worship in South Asia. It includes information about goddess origins, mythology, symbolism, and attendant ritual practices. In order to approach this topic, background information about the history of Hinduism, major religious narratives, devotional practices, and iconographic representations of the divine are discussed. The course introduces the approaches of various scholars to Hindu Goddess worship within the context of religion, social relations, and gender roles, and explores ways in which South Asian women experience and negotiate feminine power in contemporary socio-cultural contexts.

Religious Studies	19948	REL_ST 32	UG	Yoga and Meditation in the Modern World	This course explores the practice of Yoga and meditation, both as an ancient tradition of India and as an example of the globalization of religion. It will examine how the ancient Hindu religious tradition of Yoga was reinvented against the backdrop of India's colonial experience. Then it will look at a variety of emerging and transforming varieties of Hindu inspired yoga and meditation that spread globally in the context of increasing transnational interaction. To better appreciate both the traditional and the modern aspects of yoga and meditation, a secular meditation practice is included as an instructional and experiential component of this class.
Religious Studies	20307	REL_ST 33	UG	Monsters in Western Religion and Folklore	This course focuses on monsters found in Western cultures and more specifically how monsters are instantiated and put to use in contexts of popular culture. Theoretical and methodological approaches to the material are drawn from both Religious Studies and Folkloristics. Graded on A-F basis only.
Religious Studies	21251	REL_ST 33	UG	Monsters in Western Religion and Folklore - Writing Intensive	This course focuses on monsters found in Western cultures and more specifically how monsters are instantiated and put to use in contexts of popular culture. Theoretical and methodological approaches to the material are drawn from both Religious Studies and Folkloristics. Graded on A-F basis only.

Religious Studies	20116	REL_ST 33	UG	Cults and New Religious Movements	While religious traditions constantly change, and new religions emerge in every historical time period, the new religious movements of the past century (many of which are often referred to negatively as cults") present a particular challenge to contemporary cultures and societies. We will begin with a theoretical overview of new religious movements (NRMs) and will proceed gradually to discuss in detail the religion of the Peoples Temple and its charismatic leader and founder, Jim Jones. Prerequisites: Sophomore standing. Recommended: An introductory course in any of the following disciplines/area studies: Religious Studies, Psychology, Communication Studies (emphasis on Media and Society/Media Theory); or Sociology."
Religious Studies	12886	REL_ST 33	UG	Native American Religions	(same as ANTHRO 3380). Investigation of religious lives of the native peoples of the Americas through cultural contact with modernity. Perspectives based on historical, anthropological and native texts.
Religious Studies	12887	REL_ST 33	UG	Native American Religions - Honors	(same as ANTHRO 3380H). Investigation of religious lives of the native peoples of the Americas through cultural contact with modernity. Perspectives based on historical, anthropological and native texts. Prerequisites: Honors eligibility required.

Religious Studies	12817	REL_ST 34	UG	Cities and Letters of Paul: an Archaeological Investigation	This course combines a close contextual reading of the seven undisputed letters written by the apostle Paul and the three disputed letters of uncertain authorship coupled with an in-depth historical and archaeological investigation of the cities to which they were written. Students will learn about ancient letter writing, how the conventions used differed from modern practice, and how understanding those differences is essential for a more accurate reading of Paul. Likewise, this course will demonstrate that knowing the circumstances in which a letter was written sheds additional light on its contents and therefore investigates the historical and social conditions of Thessalonica, Corinth, Rome, Phillipi, the cities of Galatia, Ephesus, and Colossae in an effort better to understand the purposes for which Paul presumably wrote to the Christian communities in these cities.
Religious Studies	12818	REL_ST 34	UG	Cities and Letters of Paul: an Archaeological Investigation - Honors	This course combines a close contextual reading of the seven undisputed letters written by the apostle Paul and the three disputed letters of uncertain authorship coupled with an in-depth historical and archaeological investigation of the cities to which they were written. Students will learn about ancient letter writing, how the conventions used differed from modern practice, and how understanding those differences is essential for a more accurate reading of Paul. Likewise, this course will demonstrate that knowing the circumstances in which a letter was written sheds additional light on its contents and therefore investigates the historical and social conditions of Thessalonica, Corinth, Rome, Phillipi, the cities of Galatia, Ephesus, and Colossae in an effort better to understand the purposes for which Paul presumably wrote to the Christian communities in these cities. Prerequisites: Honors eligibility required.

Religious Studies	19652	REL_ST 34	UG	Robots and Religion: Reflection on Self, Soul, and Humanity	This course explores ancient and modern texts about robots, androids, and other artificial and virtual humans in order to analyze cultural and religious notions of what it means to be human. Course readings include ancient Indian, Tibetan, and Chinese robot stories in translation, medieval Jewish legends about golems, as well as contemporary Western science fiction
Religious Studies	12873	REL_ST 35	UG	Rabbinic Judaism: Perspective and Literature	Overview of the Jewish oral tradition during the Rabbinic era. The information covered in this course will focus upon the vast literature created during the Mishnaic and Talmudic periods and the emerging new styles and directions of Jewish religious thought.
Religious Studies	12888	REL_ST 36	UG	Spirituality	Comparative investigation of selected mystical writings from Western religious traditions; consideration of contemporary psychological, philosophical, and phenomenological interpretations of mystical experience.

Religious Studies	20387	REL_ST 36	UG	Angry Theologians	This course examines how intense debates and furious prose helped define many of modern Christianity's most widely agreed upon tenets of faith. Through close readings of theological treatises laced with profanity, insults, and outrage, we shall explore how central Christian theological convictions about baptism, the nature of Jesus, gender roles, sin, salvation, and other topics were constructed through argumentation and compromise. Though some theological disputes were settled politely through votes at church councils, even these peaceable compromises often emerged through a spate of insults and red-faced polemic. We shall read and discuss some of the most colorful--and enduringly influential--cases of theology developing through brash confrontation, from the Luther Insult Generator to the fiercely angry articulations of Christian theology in contemporary America. Students will learn to understand the logic and purpose behind these vehement arguments in their historical context and practice evaluating competing claims about complex issues such as the Trinity, the path to salvation, and sin. Graded on A-F basis only.
Religious Studies	12864	REL_ST 37	UG	Modern Religious Thought	Examination of the theological systems of major Christian thinkers and movements of the 19th and 20th centuries in relation to historic religious traditions and modern cultural challenges. Prerequisites: sophomore standing. and one course in Philosophy, or instructor's consent.
Religious Studies	12875	REL_ST 37	UG	Religion and Film	Addresses issues of interpretation and analysis in the convergence of religion and film. Addresses three areas under this broad rubric: 1) film representations of established religions; 2) film and the construction of social values; 3) film as contemporary myth". Treating films as social texts, we will ask what such representations of ourselves to ourselves suggest about culture in general."

Religious Studies	12846	REL_ST 37	UG	Women and Religions	(same as WGST 3750). A rediscovery of the wealth of religious activity which women have created and enacted. Investigates women's roles and rituals in large-scale and local religions, including ancient Goddess religions, Hinduism, Buddhism, Judaism, Christianity, Islam, and African, South American, and native American groups. Prerequisites: sophomore standing.
Religious Studies	12949	REL_ST 37	UG	Geography of the World's Religions	(same as GEOG 3760). Explores the significance of place in the origin, diffusion, distribution and practice of religions, emphasizing imprints of religion on the cultural landscape and connections between culture, politics, economics, and religion. Prerequisites: 1000/2000 level Geography course; junior standing or instructor's consent.
Religious Studies	20882	REL_ST 37	UG	Geography of the World's Religions - Writing Intensive	(same as GEOG 3760). Explores the significance of place in the origin, diffusion, distribution and practice of religions, emphasizing imprints of religion on the cultural landscape and connections between culture, politics, economics, and religion. Prerequisites: 1000/2000 level Geography course; junior standing or instructor's consent.
Religious Studies	16360	REL_ST 38	UG	Religion and Law in America	This class explores how the U.S. legal system is navigating an increasing diversity of religious traditions. Course examines the place of religious values and the ongoing tension between religion and law in the legal system of the U.S. through a variety of controversial topics.
Religious Studies	12916	REL_ST 40	UG	Topics in Religious Studies-General	Organized study of selected topics which vary by semester and are announced at time of registration. Prerequisites: junior standing or instructor's consent.
Religious Studies	12917	REL_ST 40	UG	Topics in Religious Studies-General	Organized study of selected topics which vary by semester and are announced at time of registration.

Religious Studies	12811	REL_ST 41	UG	Advanced Theories and Methods	(cross-leveled with REL_ST 7100). The course investigates the history of the modern academic study of religion, closely exploring influential theories and methods that have shaped scholarly perspective. May include approaches such as structuralism, phenomenology, Durkheimian and Weberian sociology, Marxism, feminism, thick description, psychoanalysis, and others. Prerequisites: Restricted to Religious Studies majors and MA students.
Religious Studies	12830	REL_ST 41	UG	Religious Myth and Ritual	(cross-leveled with REL_ST 7110). This course will unpack theoretical and methodological issues surrounding the study of embodied religious practice and the nature of religious narrative using myths and rituals from around the world's religious traditions.
Religious Studies	12832	REL_ST 41	UG	Studies in Ritual	Exploration of particular themes of religious expression in seasonal, calendric and life-cycle rituals and in personal and public ceremonies. Includes comparisons of indigenous communities and modern society.
Religious Studies	12958	REL_ST 41	UG	Haunting and Healing	This course explores instances, stories, and representations of haunting in the United States. We apply a variety of theoretical and methodological approaches to illuminate the diversity of meanings, functions, and contexts of supernatural beings in American popular and folk cultures.
Religious Studies	18466	REL_ST 41	UG	Religion, Spirituality, and the Brain	Explores neuropsychology of religion, spirituality, transcendence, and mystical experience. Covers development in neuroscience about how the brain works in a variety of religious and spiritual contexts, including prayer, meditation, and altered states of consciousness. Prerequisites: Restricted to juniors and seniors only.
Religious Studies	12927	REL_ST 42	UG	African-American Religion	(same as BL_STU 4210). Historical and thematic examination of African American religious traditions and practices. Addresses intersections of religious expression with race, identity, culture, and society.

Religious Studies	12826	REL_ST 43	UG	Religious Narratives of South Asia	(same as S_A_ST 4300). Study of major narratives of India and their interpretation in literature and art. Topics include: Vedic and Epic mythology, stories of Krishna, myths and images of Shiva, and forms of the Goddess.
Religious Studies	12951	REL_ST 43	UG	The Confucian Tradition: Past and Present	Investigates Confucianism as the dominant religio-philosophical tradition of China and its impact on Korea and Japan. We will study basic Confucian canonical texts, follow its historical development, look at its interactions with other religions, and discuss the continuing relevance of the Confucian tradition in modern East Asia.
Religious Studies	12953	REL_ST 43	UG	Introduction to Daoism	An introduction to the Daoist religious tradition, beginning with its background in earlier forms of philosophy, ritual, and belief. We will follow the development of the various Daoist schools and movements over the centuries and examine key aspects of their belief and practice, both historical and contemporary.
Religious Studies	12962	REL_ST 43	UG	Anthropological Theories of Religion	(same as ANTHRO 4380). Course provides a critical evaluation of anthropological explanations of various forms of traditional religious behavior such as magic, shamanism, divination, ritual, mythology, and witchcraft. The anthropological explanations examined range from nineteenth century classics to the current approaches of today. Prerequisites: ANTHRO 2030, ANTHRO 2100 or REL_ST 2100, or instructor's consent.
Religious Studies	12921	REL_ST 44	UG	Major Religious Thinkers	Concentrated study of one or more selected theologians, such as Augustine, Aquinas, Luther, Calvin, Buber, Tillich, and Rahner.
Religious Studies	12900	REL_ST 45	UG	Greek and Roman Religion	(same as CL_HUM 4500). Survey of religious development among the Greeks and Romans. Prerequisites: sophomore standing and CL_HUM 1060, AR_H_A 1110 or HIST 1520.

Religious Studies	20393	REL_ST 45	UG	Monastic Worlds	Monastic Worlds is an experiential learning course designed to serve as a Humanities Field School in medieval and early modern studies. It will be taught by faculty from UMKC and UMC through the Intercampus Course Sharing initiative. The class introduces students to humanities research methodology and the religious history and culture of premodern Europe and the contemporary Midwest by using the monastic communities as a focal point to learn about musicology, history, art history, literature, and religion. Following two weeks of online course modules, students will travel to the Benedictine communities of Conception Abbey in Conception, Missouri and Mount Saint Scholastica's in Atchison, Kansas, for additional face-to-face classes and research projects. On-site, students will participate in communal living and attend face-to-face classes on the historical and cultural worlds of medieval and early modern Europe. They will practice ethnography through observation of and participation in communal life of prayer, study, book production, and labor. Students will also have the opportunity to work with the manuscripts and rare books owned by these communities and visit the largest reliquary collection in North America, housed at the nearby Benedictine community of the Sisters of Perpetual Adoration in Clyde, MO. This course has an associated fee. Contact teaching faculty for this year's fee details.
Religious Studies	12936	REL_ST 45	UG	The Historical Jesus	This course examines theory, method, and conclusions in recent Jesus scholarship. Attention is also paid to the historical and cultural context in which Jesus research becomes prominent.
Religious Studies	12947	REL_ST 47	UG	Women, Religion and Culture	(same as WGST 4750). An advanced study of the role of women in religion, focusing on the methods of determining the significance of gender in religious life, sacred texts, symbols, rituals and/or beliefs. Traditions studied include Christianity, Islam, contemporary pagan communities, and Native American traditions.

Religious Studies	12941	REL_ST 49	UG	Directed Readings in Religious Studies	Independent readings selected in consultation with supervisory faculty member. May be repeated up to 6 hrs. Prerequisites: instructor's consent.
Religious Studies	12955	REL_ST 49	UG	Senior Seminar in Religious Studies	A seminar in which Religious Studies majors use methods of understanding and comparing religions by focusing on times and places of significant contact among peoples of different religions.
Religious Studies	12799	REL_ST 11	UG	Introduction to Religion	Engages students in reflection on the religious questions that human existence poses, and introduces them to conceptual tools for understanding and evaluating answers which have emerged in human history. Prerequisites: Sections are restricted to Freshmen and Sophomores only or Juniors and Seniors only.
Romance Languages & Lit	5628	FRENCH 2	UG	French Civilization	Open to any student interested. No knowledge of French required. May not be included in area of concentration in French. Prerequisites: sophomore standing.
Romance Languages & Lit	21250	FRENCH 2	UG	French Civilization - Writing Intensive	Open to any student interested. No knowledge of French required. May not be included in area of concentration in French. Prerequisites: sophomore standing.
Romance Languages & Lit	19201	FRENCH 3	UG	Les Fondations de la Civilisation Francaise	Overview of French civilization from its origins to French Revolution. Studies will examine key cultural objects from art, literature, and popular culture as well as political and historical movements that have shaped development of French civilization. Ideal for students interested in engaging with issues, debates, and problems that helped to define the nascent French state. Prerequisites: FRENCH 2160.
Romance Languages & Lit	19200	FRENCH 3	UG	Francophone Literature of North America	A survey course of Francophone literature of New France, Louisiana territory and the French West Indies from its beginnings in the seventeenth century to the late twentieth century. Selected novels, poems and plays will be studied in their historical and social context. Prerequisites: FRENCH 2160.

Romance Languages & Lit	5658	FRENCH 3	UG	Survey of Minority and Creole Languages of the U.S. and the Caribbean	(same as SPAN 3710 and LINGST 3710). Analysis of the state of the minority languages of the U.S. and the Creole languages of the Caribbean with particular attention to the social status of these languages and speakers' attitudes toward them in the context of ethnic, cultural and national identity (taught in English). Prerequisites: sophomore standing.
Romance Languages & Lit	20666	FRENCH 4	UG	Blogging the World: The Web in Cultural Context - Writing Intensive	(same as GERMAN 4820 and RUSS 4820). Innovative interdisciplinary course addresses issues of access to international news and specific cultural context working in cross-disciplinary teams. Students in journalism, foreign language, international studies, political science and various other disciplines track cultural developments and information on non-US Web sites, blogs and digital social networks along with exploring various historical forms of communication that preceded the digital era of the Web. Students analyze the potential and limitations/ effects of blogs and the web in specific contemporary cultural contexts and as part of the broader historical evolution of the web. The course is taught in English. The goal of this course is two-fold; students learn the particulars of web blogging, explore various features of the contemporary social network landscape while focusing on the concept of culture, in particular the cultures of Europe and the US. Questions asked are: what is culture? What is common or popular right now in other cultures? And how do new social networks amplify or alter certain features or culture across national and international contexts? Prerequisites: sophomore standing required.
Romance Languages & Lit	11914	PORT 231	UG	Brazilian Civilization	Survey of Brazilian history, arts and culture. Open to any student interested. No knowledge of Portuguese required. Prerequisites: sophomore standing.
Romance Languages & Lit	13870	SPAN 231	UG	Spanish Civilization	Survey of Spanish history, arts and culture. Open to any student interested. No knowledge of Spanish required. May not be included in area of concentration in Spanish.

Romance Languages & Lit	13872	SPAN 233	UG	Latin American Civilization	Survey of Latin American history, arts and culture. Open to any student interested. No knowledge of Spanish required. May not be included in area of concentration in Spanish.
Romance Languages & Lit	13874	SPAN 235	UG	Afro-Hispanic Literature	This course studies texts from Spanish America that focus on the black experience, with an emphasis on critical issues concerning ethnicity and gender. It examines the implications of who writes in Spanish America and the question of authenticity. No knowledge of Spanish required. Prerequisites: ENGLSH 1000.
Romance Languages & Lit	13899	SPAN 340	UG	Mexican Culture and Civilization	Study of Mexican culture and civilization through field trips, excursions and selected readings in Mexican history and literature. No knowledge of Spanish required. Open only to participants in UMC's study programs in Mexico. Prerequisites: sophomore standing or instructor's consent.
Romance Languages & Lit	13903	SPAN 371	UG	Survey of Minority and Creole Languages of the U.S. and the Caribbean	(same as FRENCH 3710 and LINGST 3710). Analysis of the state of the minority languages of the U.S. and the Creole languages of the Caribbean with particular attention to the social status of these languages and speakers' attitudes toward them in the context of ethnic, culture and national identity (taught in Eng.). Prerequisites: sophomore standing.
Romance Languages & Lit	13933	SPAN 444	UG	Advanced Contemporary Culture of Spain	(cross-leveled with SPAN 7442). Study of Spanish culture and civilization through field trips, excursions, and selected readings in history, literature, and contemporary print media. Prerequisites: SPAN 3150, SPAN 3160, SPAN 3721 or equivalent. Open only to participants in the UMC's summer study in Spain.
Romance Languages & Lit	13936	SPAN 445	UG	Hispanic Literature of Resistance	A study of the literature of commitment in the Hispanic world: literature in its historical and political contexts that makes a conscious effort to change social conditions. Prerequisites: SPAN 3420 and SPAN 3430.

Romance Languages & Lit	13939	SPAN 446	UG	Advanced Contemporary Culture of Spanish America	(cross-leveled with SPAN 7460). A study of Spanish-American culture and civilization through selected readings in history and literature, and the use of visual media. Graded on A-F basis only. Prerequisites: SPAN 3150 and SPAN 3160.
Romance Languages & Lit	13941	SPAN 446	UG	Advanced Spanish Civilization	(cross-leveled with SPAN 7461). A survey of Spanish culture and Spanish history from the Middle Ages to the present with special emphasis on contemporary culture. Students will be provided with knowledge of chronology, geography and contemporary issues from readings of journals, novels and Internet news. Prerequisites: SPAN 3150 and SPAN 3160.
Romance Languages & Lit	18445	SPAN 472	UG	Spanish Across the Continents	(same as LINGST 4722). This course focuses on the effects of migratory movements on language change, considering the Spanish spoken in Latin America, Puerto Rico, Spain and the USA. The class sharpens awareness and recognition of the linguistic diversity of the Spanish-speaking regions of the world. Graded on A-F basis only. Prerequisites: four 3000-level courses in Spanish.
Romance Languages & Lit	20928	SPAN 472	UG	Spanish Across the Continents - Writing Intensive	(same as LINGST 4722). This course focuses on the effects of migratory movements on language change, considering the Spanish spoken in Latin America, Puerto Rico, Spain and the USA. The class sharpens awareness and recognition of the linguistic diversity of the Spanish-speaking regions of the world. Graded on A-F basis only. Prerequisites: four 3000-level courses in Spanish.
Romance Languages & Lit	18443	SPAN 472	UG	Language and Society: Spanish in the U.S.	(same as LINGST 4723). This class surveys linguistic and social issues pertaining to Spanish in the U.S. (past, present and future). Topics include bilingualism, code switching (a.k.a. Spanglish), first language attrition, linguistic identity, and the role of Spanish in education, services and media. Graded on A-F basis only. Recommended: four 3000-level courses in Spanish.

Rural Sociology	13055	RU_SOC 1	UG	Rural Sociology	Introduction to basic concepts and principles of sociology with a focus on rural populations and places. The course explores interconnections between rural/urban and local global economies and cultures. Students are exposed to the rich diversity of rural society, social changes underway, and to current social issues. (Students may not earn credit for both RU_SOC 1000 and SOCIOL 1000).
Rural Sociology	13059	RU_SOC 1	UG	Topics in Rural Sociology - Social Science	Organized study of selected topics. Subjects and earnable credit vary from semester to semester. May be repeated. Recommended: RU_SOC 1000 or SOCIOL 1000.
Rural Sociology	13067	RU_SOC 1	UG	The Amish Community	(same as PEA_ST 1150). Examines historical antecedents and contemporary culture and social structure of the Amish. Topics include cultural symbols, life ceremonies, the family, counter-cultural pressures, stresses, social change. Recommended: RU_SOC 1000 SOCIOL 1000 or ANTHRO 1000.
Rural Sociology	20886	RU_SOC 1	UG	The Amish Community - Writing Intensive	(same as PEA_ST 1150). Examines historical antecedents and contemporary culture and social structure of the Amish. Topics include cultural symbols, life ceremonies, the family, counter-cultural pressures, stresses, social change. Recommended: RU_SOC 1000 SOCIOL 1000 or ANTHRO 1000.
Rural Sociology	13085	RU_SOC 2	UG	Topics in Rural Sociology - Social Science	Organized study of selected topics. Subjects and earnable credit vary from semester to semester. May be repeated. Recommended: RU_SOC 1000 or SOCIOL 1000.
Rural Sociology	13094	RU_SOC 2	UG	Science, Technology and Society	Overview of the social influences that shape science including how scientific knowledge is contested and legitimated; how social forces (among them mass communication) influence the choice of innovations; and the role social systems and sectors play in the use and benefit of science. Communication intensive-discussion, presentation and essay based. Recommended: RU_SOC 1000 or SOCIOL 1000.

Rural Sociology	20887	RU_SOC 2	UG	Science, Technology and Society - Writing Intensive	Overview of the social influences that shape science including how scientific knowledge is contested and legitimated; how social forces (among them mass communication) influence the choice of innovations; and the role social systems and sectors play in the use and benefit of science. Communication intensive-discussion, presentation and essay based. Recommended: RU_SOC 1000 or SOCIOL 1000.
Rural Sociology	13121	RU_SOC 3	UG	Global Perspectives and Realities	Designed for students who have or wish to study, live or work outside of their home country. Presents sociological perspectives on globalization and intercultural communication as well as the steps needed to prepare for a valuable and safe experience abroad.
Rural Sociology	20889	RU_SOC 3	UG	Global Perspectives and Realities - Writing Intensive	Designed for students who have or wish to study, live or work outside of their home country. Presents sociological perspectives on globalization and intercultural communication as well as the steps needed to prepare for a valuable and safe experience abroad.
Rural Sociology	13106	RU_SOC 3	UG	Topics in Rural Sociology - Social Science	Organized study of selected topics. Subjects and earnable credit vary from semester to semester. May be repeated. Recommended: 6 hours Rural Sociology or Sociology, or junior standing.
Rural Sociology	21003	RU_SOC 3	UG	Sociology of Food and Nutrition - Writing Intensive	This class explores individual food choices and larger social forces. Topics include: world hunger, food and the environment; food choices and culture, class and personal identity; the effects of social stigmas, advertising trends, and government regulations on body image; new social movements for sustainable food systems. Recommended: ENGLSH 1000 and junior or senior standing or instructor's permission.
Rural Sociology	13108	RU_SOC 4	UG	Social Demography	(same as SOCIOL 4315; cross-leveled with SOCIOL 7315 and RU_SOC 7315). Recommended: RU_SOC 1000 or SOCIOL 1000 and junior standing.

Rural Sociology	13116	RU_SOC 4	UG	American Community Studies	(cross-leveled with RU_SOC 7325). An introduction to the study of American communities. The course starts with community theories and then focuses on a wide variety of historic and contemporary community studies such as Plainville, Middletown, Sidewalk and others. Seminar format.
Rural Sociology	13119	RU_SOC 4	UG	Social Change and Development	(same as SOCIOL 4335; cross-leveled with SOCIOL 7335, RUR_SOC 7335). Nature of social change and development. Emphasizes sociological theories of social change and development contrasting them with approaches from the disciplines. Recommended: RU_SOC 1000 or SOCIOL 1000 and junior standing.
School of Music	19789	MUS_GEN	UG	Community Engagement in the Arts	Introduction to community-based arts and their relationship to personal branding in the non-profit arts sector. Prerequisites: MUS_GENL 4510, sophomore standing, or instructor's consent.
School of Music	9939	MUS_H_L	UG	History of Western Music I	Historical survey of selected European practices up to 1700 following a consideration of the major fine-art traditions of the world. Prerequisites: Grade of C- or better in MUS_H_LI 1322.
School of Music	19334	MUS_H_L	UG	Historical Studies in African-American Music	(cross-leveled with MUS_H_LI 7320). Exploration of history and current scholarship in African-American music from the eighteenth to twenty-first centuries. Genres include folk music, religious music, blues, ragtime, jazz, musical theater, art music, R&B, funk, soul, disco, house, hip-hop and rap. Prerequisites: Grade of C- or better in MUS_H_LI 2308 and Instructor's consent.
School of Music	21101	MUS_H_L	UG	Historical Studies in African-American Music - Writing Intensive	Exploration of history and current scholarship in African-American music from the eighteenth to twenty-first centuries. Genres include folk music, religious music, blues, ragtime, jazz, musical theater, art music, R&B, funk, soul, disco, house, hip-hop and rap. Prerequisites: Grade of C- or better in MUS_H_LI 2308 and Instructor's consent.

School of Music	9971	MUS_H_L	UG	Advanced Studies in American Music	(cross-leveled with MUS_H_LI 7341). Systematic study of the diverse streams of musical practice in the United States from the colonial time to the present. Prerequisites: Grade of C- or better in MUS_H_LI 2308 and instructor's consent.
School of Music	20794	MUS_H_L	UG	Advanced Studies in American Music - Writing Intensive	(cross-leveled with MUS_H_LI 7341). Systematic study of the diverse streams of musical practice in the United States from the colonial time to the present. Prerequisites: Grade of C- or better in MUS_H_LI 2308 and instructor's consent.
School of Music	19456	MUS_H_L	UG	Historical Studies in African Music	(same as BL_STU 4352) Ethnomusicological introduction to the music and culture of countries and ethnic groups in Africa. Traditional and contemporary popular styles are explored, and influences of Islamic invasions, missionary arrivals, colonial conquests, neo-colonial trends, and globalization. Prerequisites: grade of C-or better in MUS_H_LI 2308; instructor's consent.
School of Music	20796	MUS_H_L	UG	Historical Studies in African Music - Writing Intensive	(same as BL_STU 4352) Ethnomusicological introduction to the music and culture of countries and ethnic groups in Africa. Traditional and contemporary popular styles are explored, and influences of Islamic invasions, missionary arrivals, colonial conquests, neo-colonial trends, and globalization. Prerequisites: grade of C-or better in MUS_H_LI 2308; instructor's consent.
School of Music	9811	MUSIC_N	UG	Music Travel Course	Study tour designed to broaden perspective of persons interested in music. Stresses relationship of music to art and ideas in a variety of social and cultural contexts. Participant bears cost of course. Prerequisites: instructor's consent.
School of Music	9921	MUSIC_N	UG	Introduction to World Music	Introduction to the musical traditions of selected non-Western societies; emphasis on developing listening skills; directed to non-majors, but music majors may enroll.

School of Music	19378	MUSIC_N	UG	Introduction to African-American Music	Introduction to the history and scholarship of African American music from eighteenth through twentieth centuries. Focus on African legacies and retentions, slave culture, the black church, minstrelsy, folk traditions, spirituals, ragtime, blues, jazz, soul, R&B, and hip hop.
School of Music	19496	MUSIC_N	UG	Introduction to Soul and Country	(same as BL_STU 1335). Examination of musical cultures signified by soul" and "country". Study of the evolution and aesthetics of these genres and how they deal with concepts like identity, class, race, and ethnicity; gender and sexuality; politics and patriotism."
School of Music	18460	MUSIC_N	UG	Music of Love and Death	Exploration of musical expression surrounding love and death in specific works of diverse styles and sociological contexts. Students will learn to listen to and appreciate music with informed ears and minds, develop strong perceptual skills, and cultivate a musical vocabulary.
School of Music	18459	MUSIC_N	UG	Drama Through Western Music	Introduction to the musical culture of the theater through the ages by examining specific works of diverse styles and sociological contexts. Students learn to listen to and appreciate music with informed ears and minds, develop perceptual skills, and cultivate musical vocabulary.
School of Music	16353	MUSIC_N	UG	Perceiving Musical Traditions and Styles	An introduction to music from the late Baroque to the present day, including fine art, folk, and popular music. Designed to serve as a foundation for developing knowledge and skills of musical perception that will eventually lead to thoughtful written commentary on musical performances. Graded on A-F basis only. Prerequisites: open only to Journalism majors with sophomore standing or higher.

School of Music	17837	MUSIC_N	UG	Perceiving Musical Traditions and Styles - Honors	An introduction to music from the late Baroque to the present day, including fine art, folk, and popular music. Designed to serve as a foundation for developing knowledge and skills of musical perception that will eventually lead to thoughtful written commentary on musical performances. Graded on A/F basis only. Prerequisites: open only to Journalism majors with sophomore standing or higher. Honors eligibility required.
School of Natural Resources	5440	NAT_R 10	UG	Conservation Studies	A one-week field experience in natural resource management issues-soil and water conservation, air pollution, fish and wildlife habitat requirements, importance of forest ecosystems. Limited to high school students who have completed their junior year and taken the PSAT or equivalent. Graded on S/U basis only.
School of Natural Resources	5441	NAT_R 10	UG	Ecology and Conservation of Living Resources	Introduction to the principles of resource and conservation describing the foundation of the variety of living resources and conservation practices used to protect and maintain these resources.
School of Natural Resources	5441	NAT_R 10	UG	Ecology and Conservation of Natural Resources	Introduction to the principles of resource and conservation describing the foundation of the variety of natural resources and conservation practices used to protect and maintain these resources.
School of Natural Resources	5442	NAT_R 10	UG	Ecology and Renewable Resource Management	Introduction to ecological principles and their relationship to resource use and management. Prerequisites: restricted to Natural Resources majors.
School of Natural Resources	10149	NAT_R 20	UG	Topics in Natural Resources - Biological/Physical/Mathematical	Organized study of selected topics. Subjects and credit may vary from semester to semester.
School of Natural Resources	10150	NAT_R 20	UG	Topics in Natural Resources - Social Science	Organized study of selected topics. Subjects and credit may vary from semester to semester.
School of Natural Resources	10152	NAT_R 30	UG	Topics in Natural Resources	Organized study of selected topics. Subjects may vary from semester to semester.

School of Natural Resources	10156	NAT_R 32	UG	Public Relations for Natural Resource Managers	Introduction to the practical nature of public relations for those entering natural resources careers, emphasis on communication with target audiences through news media, publications and exhibits.
School of Natural Resources	10151	NAT_R 40	UG	Problems in Natural Resources	Problems in Natural Resources
School of Natural Resources	10167	NAT_R 40	UG	Topics in Natural Resources	Organized study of selected topics. Subjects may vary from semester to semester.
School of Natural Resources	21192	NAT_R 40	UG	Foundations of Environmental Education	(same as ENV_SC 4024; cross-leveled with NAT_R 7024). This course provides a theoretical foundation to environmental education (EE). The purpose of this course is to develop the knowledge and skills for developing quality, age-appropriate EE for students in both formal and non-formal education setting. The emphasis is on EE curriculum materials, resources, and programs that can be used with students in settings at classrooms, nature centers, museums, and parks. This course involves training in the Missouri Department of Conservation Discover Nature School educational materials, and in observing and teaching EE lessons in a local nature center. Graded on A-F basis only. Prerequisites: BIO_SC 1010 or ENV_SC 1100 or NAT_R 1060 or NAT_R 1070 or NAT_R 2160 or Instructor's consent.
School of Natural Resources	10154	NAT_R 43	UG	Hydrologic and Water Quality Modeling	(same as ENV_SC 4320). Introduction to models for simulating hydrologic and water quality processes. Emphasis is placed on watersheds to provide experience with the use of simulation models for natural resource decision making. Prerequisites: ENV_SC 1100 or SOIL 2100.
School of Natural Resources	10161	NAT_R 43	UG	Landscape Ecology and GIS Analysis I	(same as GEOG 4810). Examination of the landscape-scale approach to biodiversity, ecosystem dynamics, and habitat management. Particular emphasis on the use of Geographic Information Systems to analyze the spatial dimension of ecological patterns and processes. Prerequisites: GEOG 3040.

School of Natural Resources	10170	NAT_R 49	UG	Natural Resources Internship	Supervised professional experience with an approved public or private organization. May be repeated for credit. Graded on S/U basis only. Prerequisites: School of Natural Resources majors only, instructor's consent.
School of Social Work	13437	SOC_WK 1	UG	Social Welfare and Social Work	Survey course that examines the history and development of social welfare in the United States and the profession of social work, as well as contemporary issues.
School of Social Work	20074	SOC_WK 2	UG	Criminal Justice	This course provides an introduction to the history and development of criminal justice in our country and includes policing and law enforcement, and the adjudication and court process as well as the terminology associated with each system. Theories on crime, prison, community corrections and reentry discussions for both juvenile and adult systems will be addressed. Emphasis will be placed on an overview to the major sociological and psychological perspectives on variations from normative individual and group behaviors prevalent in the U.S. society while providing a strengths perspective in which to understand them. Finally, this course will evaluate the delicate balance between community interest and personal freedom that criminal justice decision-making requires.
School of Social Work	13446	SOC_WK 3	UG	Exploration in Social and Economic Justice	(same as PEA_ST 2000). This course explores issues of fairness and equality in economic, political and social systems, and applies social justice principles to major social problems. Course may be repeated two times for credit. Graded on A-F basis only. Prerequisites: ENGLISH 1000.
School of Social Work	20907	SOC_WK 4	UG	Exploration in Social and Economic Justice - Writing Intensive	(same as PEA_ST 2000). This course explores issues of fairness and equality in economic, political and social systems, and applies social justice principles to major social problems. Course may be repeated two times for credit. Graded on A-F basis only. Prerequisites: ENGLISH 1000.

School of Social Work	13447	SOC_WK 2	UG	Topics in Social Work	Special and emerging topics in social work and social welfare. Subject, content, and credit varies depending on available faculty and student interest. Prerequisites: departmental consent required.
School of Social Work	13468	SOC_WK 3	UG	Comparative Social Policy	A comparative study of social policy aspects in the framework of international development. Policy areas include South Asia, as well as other regions relevant to such study. Prerequisites: departmental consent required.
School of Social Work	18311	SOC_WK 4	UG	Topics in Social Work	Special and emerging topics in social work and social welfare. Subject, content and credit varies depending on available faculty and student interest. May be repeated for credit. Prerequisites: departmental consent required.
School of Social Work	13484	SOC_WK 4	UG	Rural Human Services	A study of the effect of rural and small community environments on the planning and delivery of social and health services. Emphasis on policy and program analyses relevant to rural issues and concerns. Prerequisites: junior standing.
School of Social Work	13482	SOC_WK 4	UG	Addiction Treatment and Prevention	Provides knowledge generic to social work and other disciplines involved in substance abuse treatment. Integrated approach to problems of substance abuse and development of self-awareness are emphasized. Didactic and experiential methods employed. Prerequisites: junior standing.
School of Social Work	18163	SOC_WK 4	UG	Deaf Culture: A Social Work Perspective	An introduction to the deaf community as a linguistic and cultural minority. Examines the complexities of Deaf culture from a historical and contemporary perspective. Addresses cultural identity, communication, education, social services, civil rights and advocacy. Graded on A-F basis only.
School of Social Work	13488	SOC_WK 4	UG	Working with Minority Youth	(same as BL_STU 4360). Develops awareness and understanding of social/psychological and cognitive realities influencing the behavior of minority youth. Content draws upon theories, research and practice skills relevant to understanding and counseling minority youth. Prerequisites: junior standing.

School of Social Work	13465	SOC_WK 4	UG	Delinquency, Corrections and Social Treatment	Focuses on problems and causative factors in developing and maintaining delinquent and criminal behavior and attitudes: addressing critical and comparative understanding of social change strategies employed in this field. Prerequisites: junior standing.
School of Social Work	13503	SOC_WK 4	UG	Social Work Practice With Minorities: African-American Emphasis	(same as BL_STU 4380). Provides students with an appreciation of the African-American experience in the United States on a knowledge and feeling level. Prerequisites: junior standing.
School of Social Work	13505	SOC_WK 4	UG	Helping Strategies With Children and Adolescents	Theory and practice of work with children and adolescents. Focus on youth in transition, protective services and permanency planning, and special needs populations. Prerequisites: junior standing.
School of Social Work	13508	SOC_WK 4	UG	Domestic Violence	(same as WGST 4400). This 3-hour course covers history of battered women's movement, violence theories, policy issues, prevention and intervention practice models for working with battered women, their children, and abusers. Prerequisites: Junior or Senior standing required.
School of Social Work	18981	SOC_WK 4	UG	International Social Work Practices and Principles	This course explores issues of fairness and equity in economic, political and social systems, and applies social justice principles to major international social problems. Social Justice is the perspective that in a perfect world, all citizens deserve equal rights, protection, opportunities, obligations and social benefits. Recognizing that the world is not perfect, International Social Work Practice and Principles presents theories and perspectives on how to affect a more just society and world community. Social Work person in environment orientation and strong value system are used as guides in analyzing problems and determining ways of promoting a more just society and global community. Prerequisites: Junior Standing required.

School of Social Work	13539	SOC_WK 4	UG	Latino/a Immigrants and Receiving Communities	This interdisciplinary course is designed to educate students about the Latino/a immigrants seeking better lives and the communities that receive them. Special attention is given to social justice issues; micro, mezzo, and macro systems will be used to explore content.
School of Social Work	19432	SOC_WK 4	UG	Helping Strategies with Older Persons	This course is designed to provide knowledge and skill development for work with older adults and their families. It offers an intensive examination of the concepts and skills needed for effective social work practice with these populations. In particular, sociological, psychological, political, and economic factors affecting older adults will be examined as they relate to intervention, programmatic, and policy responses. Special attention will be given to assessment and intervention from macro, mezzo, and micro perspectives. The interrelationship between the aging person, the family, and society is explored since these factors affect all levels of practice. Content in this course related to the social and economic mission of the School of Social Work. Prerequisites: Junior standing in Social Work and instructor's consent required.
School of Social Work	13460	SOC_WK 4	UG	Social Justice and Social Policy	Based on the concepts of human need and social justice, a historical and analytical approach to social welfare policies and programs. Graded on A-F basis only. Prerequisites: junior standing and departmental consent required.
School of Social Work	13546	SOC_WK 4	UG	Social Justice and Social Policy II	Advanced course in the analysis of policies and programs relevant to social work and social welfare. Prepares students to understand and conduct policy analysis of public, voluntary, and proprietary human service organizations. Graded on A-F basis only. Prerequisites: SOC_WK 4710; Social Work Professional standing.

School of Social Work	13479	SOC_WK 4	UG	Variations in Human Behavior	Basic concepts and principles regarding psychological/social dynamics of deviance; implications for social welfare policy and social interventions. Prerequisites: junior standing and departmental consent required.
School of Social Work	13464	SOC_WK 4	UG	Introduction to Social Work Practice	Introductory, generalist practice theory course promoting student's understanding of professional social work practice as holistic, identifiable, unique configuration of knowledge, values and skills. Graded on A-F basis only. Prerequisites: Social Work Professional Standing and departmental consent required.
School of Social Work	13456	SOC_WK 4	UG	Introduction to Community and Organizational Processes	Introduction to contextual framework of social work practice with particular emphasis on community and organization as social systems. Graded on A-F basis only. Prerequisites: Social Work professional standing and departmental consent required.
School of Social Work	20911	SOC_WK 4	UG	Research for Social Work Practice - Writing Intensive	This course introduces social work research and its relevance to practice, emphasizing the School of Social Work's social justice mission. Graded on A-F basis only. Prerequisites: Social Work Professional standing or consent required.
School of Social Work	13510	SOC_WK 4	UG	Undergraduate Field Practicum	Supervised social work practice in a school-approved agency focusing on development of direct practice skills. Fall semester, three days per week. Graded on S/U basis only. Prerequisites: senior standing; SOC_WK 2220, SOC_WK 4710, SOC_WK 4730, SOC_WK 4740, SOC_WK 4750, SOC_WK 4760, and SOC_WK 4720; departmental consent required. Corequisites: SOC_WK 4770 and SOC_WK 4970.
Service Learning	20286	SRV_LRN	UG	Independent Study-Service Learning	Students participate in community service activities, attend regular meetings, conduct research, submit four journals, a short bibliography and a research paper on their service in the community

Service Learning	7077	SRV_LRN	UG	Independent Study-Service Learning - Honors	Students participate in community service activities, attend regular meetings, conduct research, submit four journals, a short bibliography and a research paper on their service in the community. Prerequisites: Honors eligibility required.
Service Learning	7066	SRV_LRN	UG	MU Community Engagement Project	The MU Community Engagement Project offers students the opportunity to engage in academically-based community services; project sections include tutoring and mentoring, public health policy and outreach, international services, and community development.
Service Learning	7067	SRV_LRN	UG	MU Community Engagement Project - Honors	The MU Community Engagement Project offers students the opportunity to engage in academically-based community services; project sections include tutoring and mentoring, public health policy and outreach, international services, and community development. Prerequisites: Honors eligibility required.
Service Learning	20931	SRV_LRN	UG	MU Community Engagement Project - Honors/Writing Intensive	The MU Community Engagement Project offers students the opportunity to engage in academically-based community services; project sections include tutoring and mentoring, public health policy and outreach, international services, and community development. Prerequisites: Honors eligibility required.
Service Learning	20932	SRV_LRN	UG	MU Community Engagement Project - Writing Intensive	The MU Community Engagement Project offers students the opportunity to engage in academically-based community services; project sections include tutoring and mentoring, public health policy and outreach, international services, and community development.
Sociology	13630	SOCIOL 10	UG	Social Problems	Introduces a sociological perspective on what constitutes social problems and their impact on individuals and societies. Emphasizes critical thinking skills. Topics covered may include poverty, inequalities of gender, race, class, religion, education, and political power, the environment and global conflicts among others.

Sociology	13586	SOCIOL 16	UG	Social Deviance	Survey of approaches to the study of behaviors commonly regarded as deviant such as crime, sexual abuse, substance abuse, mental illness, etc.
Sociology	19363	SOCIOL 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements	(same as PEA_ST 2182). History and theory of nonviolent action. Study of such cases as Gandhi's Independence, American Civil Rights and Polish Solidarity movements. Prerequisites: PEA_ST 1050 or instructor's consent.
Sociology	19363	SOCIOL 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements	(same as PEA_ST 2182). History and theory of movements for peace, justice, and democracy. Development of violent and nonviolent tactics and factions in movements; relationship to state authority. Cases such as Gandhi's Independence, American Civil Rights, Arab Spring, and Occupy movements. Recommended: PEA_ST 1050.
Sociology	20913	SOCIOL 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements - Writing Intensive	(same as PEA_ST 2182). History and theory of nonviolent action. Study of such cases as Gandhi's Independence, American Civil Rights and Polish Solidarity movements. Prerequisites: PEA_ST 1050 or instructor's consent.
Sociology	20913	SOCIOL 21	UG	Critical Dialogues: Nonviolence in Peace/Democracy Movements - Writing Intensive	(same as PEA_ST 2182W). History and theory of movements for peace, justice, and democracy. Development of violent and nonviolent tactics and factions in movements; relationship to state authority. Cases such as Gandhi's Independence, American Civil Rights, Arab Spring, and Occupy movements. Recommended: PEA_ST 1050.
Sociology	13596	SOCIOL 22	UG	Social Inequalities	(same as BL_STU 2200). Survey of inequalities based upon criteria such as race, ethnicity, sex, age, religion and social class in contemporary societies. Focus on dynamics by which privilege and inequalities are structured.
Sociology	13722	SOCIOL 22	UG	The Black Americans	(same as BL_STU 2210). Analysis of history of blacks in the United States. Assessment of contemporary black community in terms of its institutions, styles of life, patterns of work and intergroup relations.

Sociology	13614	SOCIOL 22	UG	Social Perspectives on Aging	Survey of basic knowledge in social gerontology, aging and old age in American society. Analysis of changes as individuals age, differences among old people, social problems of the aged. Prerequisites: SOCIOL 1000 or equivalent.
Sociology	19979	SOCIOL 22	UG	Youth, Islam, and Global Cultures	(same as PEA_ST 2255). Youth subcultures and the social issues and problems faced by youth, focusing on the Islamic world and Muslim immigrants, in the United States and elsewhere. Social and behavioral theories and concepts such as paths to modernization, Orientalism, post-colonialism, population movements, social construction, identity, and recognition will be illustrated.
Sociology	19464	SOCIOL 22	UG	Race, Democracy, and Violence in Cuba and Haiti	(same as PEA_ST 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Sociology	19464	SOCIOL 22	UG	Race, Democracy, and Violence in Cuba and Haiti	(same as PEA_ST 2280, GEOG 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Sociology	20914	SOCIOL 22	UG	Race, Democracy, and Violence in Cuba and Haiti - Writing Intensive	(same as PEA_ST 2280, GEOG 2280). A sociological approach to understand race/ethnicity, identity, citizenship, human rights, violence, and political and economic systems in the Caribbean. Comparisons of the culture, politics, and historical trajectories of Cuba and Haiti using Post-Colonial and Feminist theories. Graded on A-F basis only.
Sociology	13657	SOCIOL 23	UG	Self and Society	Analysis of the self in modern society. Topics covered include social interaction, social perception, language and learning, the sociology of emotions and the social construction of identity.

Sociology	13616	SOCIOL 23	UG	Culture and Mass Media	Sociological study of modern folk, local, popular and mass cultural production and consumption; mass media, diffusion, change, differentiation.
Sociology	13474	SOCIOL 30	UG	Urban Sociology	Urbanism as a world phenomenon; ecological, demographic characteristics of cities; organization of urban society including status systems, occupational structure, formal and informal associations, racial and cultural relations, forms of communication, housing, city planning.
Sociology	13630	SOCIOL 30	UG	Social Problems	Trends in modern societies: urbanization, occupational structure, technological change, etc. as these have produced alienation and legitimacy problems. Political, economic, health, welfare, military, justice institutions may be considered. Counter movements and policy issues.
Sociology	13635	SOCIOL 32	UG	Class, Status, and Power	Study of the structure of wealth, poverty, prestige, and power. Concepts of social justice in political, economic and legal issues and policies. Provides student engagement in research.
Sociology	17734	SOCIOL 32	UG	Sociology of Globalization	Globalization's origin and dynamics; the social and political effects of globalization: countervailing forces to economic globalization, in particular reassertions of traditional" identities, labor movements, new social movements, and the global democracy movement."
Sociology	13662	SOCIOL 32	UG	Education and Social Inequalities	Examination of the ways in which inequalities are constructed, reproduced, maintained or transformed by and within educational institutions. Particular attention will be given to inequalities based on gender, race, and social class.
Sociology	13741	SOCIOL 32	UG	Youth in Today's World	Study of what factors influence the development of youth in today's society. Examined are types of behavior such as mating, deviance and the role of schools, parents, TV and friendship groups.

Sociology	17884	SOCIOL 33	UG	Queer Theories/Identities	(same as WGST 3300). Analysis of gay, lesbian, bisexual, transgender (GLBT) and queer identities in culture and society with an emphasis on the contributions of queer theory and other GLBT standpoint theories to sociology and the study of society. Prerequisites: SOCIOL 2200 or instructor's consent.
Sociology	20918	SOCIOL 33	UG	Queer Theories/Identities - Writing Intensive	(same as WGST 3300). Analysis of gay, lesbian, bisexual, transgender (GLBT) and queer identities in culture and society with an emphasis on the contributions of queer theory and other GLBT standpoint theories to sociology and the study of society. Prerequisites: SOCIOL 2200 or instructor's consent.
Sociology	13658	SOCIOL 33	UG	Social Psychology	Survey of theories and research concerned with the ways in which individuals construct social situations and are affected by them. Topics covered include self-identities, social influence, personal relationships, prejudice and discrimination.
Sociology	13660	SOCIOL 33	UG	Sociology of Gender	(same as WGST 3320). Study of the ways in which femininities and masculinities are constructed in American society with particular attention to gender ideologies and the gendered nature of the social structure.
Sociology	13642	SOCIOL 34	UG	The Family	Families, kin and households as interacting groups; roles, socialization, problems, structural change; family in relation to other social institutions; historical, cultural and class variations.
Sociology	13697	SOCIOL 34	UG	The Sociology of Sport	The role of sport in modern society. Includes violence in sport; politics and economics of sport; male, female, and racial inequalities; and international comparisons of sport structures.
Sociology	13652	SOCIOL 34	UG	Sociology of Health	A survey of sociological thinking and research on health, health problems, health occupations and health services. How these are shaped by the society. Problems faced by individuals and the system. Potential solutions to problems.

Sociology	13746	SOCIOL 34	UG	The Sociology of Religion	Sociology of religious experience, action, organization, movements and social change; contemporary trends, including mainline and new religions, civil religion, secularization.
Sociology	16288	SOCIOL 34	UG	Technology and Society	In the last few decades science and technology have permeated our lives as never before. This has led to wide ranging intellectual debates and social movements in and around the issue of relationship between science, technology, and society. This course, which is organized on a lecture-seminar format, will critically investigate different aspects of the relationship between science, technology, and society. Graded on A-F basis only.
Sociology	20921	SOCIOL 34	UG	Technology and Society - Writing Intensive	In the last few decades science and technology have permeated our lives as never before. This has led to wide ranging intellectual debates and social movements in and around the issue of relationship between science, technology, and society. This course, which is organized on a lecture-seminar format, will critically investigate different aspects of the relationship between science, technology, and society. Graded on A-F basis only.
Sociology	13693	SOCIOL 35	UG	Collective Behavior	(same as PEA_ST 3520). Analysis of crowd behavior and related phenomena: rumors, disasters, fashions. Social responses to unclear, dangerous or unjust conditions. The dynamics of conflict, consensus and change.
Sociology	20922	SOCIOL 35	UG	Collective Behavior - Writing Intensive	(same as PEA_ST 3520). Analysis of crowd behavior and related phenomena: rumors, disasters, fashions. Social responses to unclear, dangerous or unjust conditions. The dynamics of conflict, consensus and change.
Sociology	13649	SOCIOL 37	UG	Organizations and Institutions	Social organization of modern societies with focus on complex organizations (corporations, bureaucracies) within institutional arrangements (economy, polity, education, religion); organizational structure; interorganizational networks; interrelations of institutional sectors.

Sociology	13649	SOCIOL 37	UG	Institutions and Society	Institutions of societies with focus on institutional arrangements (economy, polity, media, education, religion); organizational structures; interorganizational networks; interrelations of institutional sectors.
Sociology	13734	SOCIOL 37	UG	The Sociology of Work	Analysis of occupational, professional aspects of American society. Division of labor; occupational mobility; work and the self; collegueship and informal organizations of work. Prerequisites: SOCIOL 1000 or SOCIOL 1650.
Sociology	13743	SOCIOL 41	UG	Feminist Research and Criticism	(same as WGST 4110). Examination of both feminist critiques of traditional social research and recent, feminist-oriented research that attempts to answer these criticisms. Prerequisites: SOCIOL 2950.
Sociology	13683	SOCIOL 42	UG	Social Inequalities	Examination of theories and research concerned with inequalities based on social class, gender, and race-ethnicity. M.A. core course for sociology students. Prerequisites: graduate standing or instructor's consent.
Sociology	13703	SOCIOL 42	UG	Aging and the Life Course	Course will take a life course perspective on the sociological aspects of aging in contemporary American society. Begins with birth, then childhood, adolescence, emergent adulthood, middle life, old age, and death. Graded on A-F basis only. Prerequisites: Junior standing or above. Recommended: At least three credits in Sociology prior to enrollment is preferred.
Sociology	13719	SOCIOL 42	UG	Race and Ethnic Relations	The experience of racial and ethnic minorities; inequality, assimilation, ethnic and racial conflict, accommodation. Prerequisites: junior standing or instructor's consent.
Sociology	13752	SOCIOL 42	UG	Women, Development, and Globalization	(same as BL_STU 4230 and WGST 4230 and PEA_ST 4230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities. Prerequisites: BL_STU 1332, BL_STU 2200; SOCIOL 2200; WGST 1332 or WGST 2010."

Sociology	20079	SOCIOL 42	UG	Social Perspectives on Gender and Emotion	(same as BL_STU 4235, WGST 4235; cross-leveled with BL_STU 7235, SOCIOL 7235, WGST 7235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only. Prerequisites: WGST 1332 or WGST 1360; SOCIOL 1360 or SOCIOL 2300; BL_STU 1332 or BL_STU 2200; junior standing.
Sociology	13706	SOCIOL 43	UG	Death and Dying	Death and dying explored from demographic, sociological and social psychological perspectives. Topics: trends and differentials; definitions of death; dying as a social process; funerals and survivors; cultural solutions to problems of death. Prerequisites: junior standing or instructor's consent.
Sociology	13724	SOCIOL 43	UG	Advanced Social Psychology	(cross-leveled with SOCIOL 7310). Major theoretical fields and their application to human problems. M.A. core course. Prerequisites: SOCIOL 3310 or graduate standing.
Sociology	13678	SOCIOL 43	UG	Social Demography	(same as RU_SOC 4315). General demographic theories; age, sex, and ethnic composition of population; fertility, mortality and migration as components of population change; social, economic and political implications of demographic trends. Prerequisites: SOCIOL 1000 or RU_SOC 1000 and junior standing.
Sociology	13727	SOCIOL 43	UG	Culture, Identity and Interaction	Examines the interplay between culture, identity, and interaction as these intersect with issues of social inequality, social control, social change, and the everyday production of subjectivities. Prerequisites: SOCIOL 3310 graduate standing or instructor's consent.
Sociology	13713	SOCIOL 43	UG	Social Change and Development	(same as RU_SOC 4335). Nature of social change and development. Emphasizes sociological theories of social change and development contrasting them with approaches from the disciplines. Prerequisites: RU_SOC 1000 or SOCIOL 1000 and junior standing.

Sociology	13708	SOCIOL 44	UG	Sociology of Health Systems	Analyzes organization of U.S. health system and systems in the developed and developing world. Special attention to reform movements, universality, effectiveness, quality, and efficiency. Prerequisites: SOCIOL 2950, SOCIOL 3440, and SOCIOL 3100 or graduate standing.
Sociology	13735	SOCIOL 44	UG	Sociology of Education	(cross-leveled with ED_LPA 7458 and SOCIOL 7410). Contexts, structures and processes of schooling; effects on class, race, ethnicity and gender; social change, educational policy, and organizational dynamics; higher education and the economy. Prerequisites: SOCIOL 1000 or equivalent.
Sociology	13685	SOCIOL 45	UG	Sociology of Social Policy	Sociological theories and methodologies focused on social policy; policy as process; contextual and critical policy analyses; assessing policy effects and consequences. Prerequisites: senior standing.
Sociology	13717	SOCIOL 45	UG	Social Movements and Conflicts	Survey of approaches and research on social movements and social change. Historical and contemporary social movements in the U.S.; collective protest and violence; political revolutions. MA core course. Prerequisites: SOCIOL 3520, SOCIOL 3700, or SOCIOL 3320 or graduate standing.
Sociology	13739	SOCIOL 45	UG	Political Sociology	(same as PEA_ST 4520). Social bases of power and politics, economic and political elites, the political economy of the advanced societies, sources of political conflict and change. Prerequisites: SOCIOL 3200, SOCIOL 3510, SOCIOL 3520, or SOCIOL 3700.
Sociology	13750	SOCIOL 45	UG	Social Organization of the Industrial Societies	The organizational and interorganizational structure of modern capitalist and socialist societies, including examination of alternative models such as technocracy, bureaucratic society, state capitalism, state socialism, organized capitalism. Prerequisites: SOCIOL 3700 or SOCIOL 3710.

Sociology	18000	SOCIOL 45	UG	Gender and Human Rights in Cross Cultural Perspective	(same as WGST 4550 and PEA_ST 4550). This course focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of rights, Western and non-western perspectives, feminist contributions, important substantive debates, violations, policymaking and activism. Prerequisites: WGST 1120 or SOCIOL 2200; senior standing required.
Sociology	13699	SOCIOL 46	UG	Society and Social Control	The concept of social control is analyzed from both micro and macro theoretical perspectives. Focus is on patterns of social domination. Prerequisite: SOCIOL 3700 or SOCIOL 3710.
Sociology	19016	SOCIOL 46	UG	Drugs and Society	Course will examine the social, political, and economic aspects of legal and illegal drug use in American society. Issues include: theories of drug use, the social correlates of drug use, the war on drugs and policy alternatives, and the rise of the pharmaceuticals industry. Graded on A/F basis only
Sociology	19398	SOCIOL 46	UG	Sociology of Mental Health	Course examines the social aspects of mental health and illness. Topics include: stress and mental health, medicalization of behavior, stigma and labeling, mental health care systems, social correlates of mental health (such as gender, childhood, work status, and social support). Prerequisites: 1000 level sociology course or 1000 level Psychology course.
Sociology	19398	SOCIOL 46	UG	Sociology of Mental Health	Course examines the social aspects of mental health and illness. Topics include: stress and mental health, medicalization of behavior, stigma and labeling, mental health care systems, social correlates of mental health (such as gender, childhood, work status, and social support). Recommended: 1000 level sociology course or 1000 level Psychology course.
Sociology	13711	SOCIOL 47	UG	Social Organization	Survey of approaches to the analysis of social organization emphasizing complex organizations, division of labor, social inequality, politics and the state, social change. MA core course. Prerequisites: SOCIOL 3700 or SOCIOL 3710 or graduate standing or instructor's consent.

Sociology	13669	SOCIOL 49	UG	Service Learning in Sociology	Students participate in a variety of research-oriented, community service projects which illuminate and reinforce concepts introduced in various sociology courses. Repeatable twice for credit. Does not meet Arts and Science general education requirements. Prerequisites: instructor's consent.
Soil Science	506	SOIL 2100	UG	Introduction to Soils	(same as PLNT_S 2100). Introduction to soil sciences with emphasis placed on physical, biological, and chemical properties and application to land use, plant growth and environmental problems. Recommended: 3 hours of Chemistry.
Soil Science	13814	SOIL 2110	UG	Introduction to Soil Science with Lab	(same as GEOL 2110). Introduction to soil science with emphasis placed on physical, biological, and chemical properties and applications to land use, plant growth, and environmental problems with laboratory application of these concepts. Recommended: 3 hours of Chemistry.
Soil Science	13818	SOIL 3290	UG	Soils and the Environment	(same as ENV_SC 3290). Addresses the role of soils and soil properties on environmental pollution and management. Emphasis will be placed on carbon, nitrogen, phosphorus, and sulfur transformations and transport in natural and disturbed ecosystems and soil management practices and technology to prevent or remediate environmental pollution. Prerequisites: SOIL 2100 and ENGLSH 1000. Recommended: 3 hours of chemistry.
Soil Science	20924	SOIL 3290	UG	Soils and the Environment - Writing Intensive	(same as ENV_SC 3290). Addresses the role of soils and soil properties on environmental pollution and management. Emphasis will be placed on carbon, nitrogen, phosphorus, and sulfur transformations and transport in natural and disturbed ecosystems and soil management practices and technology to prevent or remediate environmental pollution. Prerequisites: SOIL 2100 and ENGLSH 1000. Recommended: 3 hours of chemistry.

Soil Science	13823	SOIL 4305	UG	Environmental Soil Physics	(same as ENV_SC 4305). Study of soil physical properties and processes important in solving environmental problems. Topics include soil solids, water content and energy, and transport of water, solutes, gas and heat. Prerequisites: SOIL 2100.
Soil Science	13825	SOIL 4306	UG	Environmental Soil Physics Laboratory	(same as ENV_SC 4306). Introduction to the methodology and equipment for measurement of soil physical properties and processes. Prerequisite or Corequisite: SOIL 4305.
Soil Science	539	SOIL 4308	UG	Soil Conservation	Conservation of soil with respect to topsoil, soil productivity, and fertility. Prerequisites: SOIL 2100. Recommended: AG_S_M 4420.
Soil Science	545	SOIL 4312	UG	Environmental Soil Microbiology	(same as ENV_SC 4312). Microbiology/ecology of life in the soil ecosystem. Emphasis is placed on the role of microbes in nutrient cycling, microbial pesticide/xenobiotic transformation bioremediation, etc. Prerequisites: SOIL 2100. Recommended: general microbiology.
Soil Science	13827	SOIL 4316	UG	Soil Microbial Ecology Methods	The application of modern and traditional techniques in soil microbiology to environmental and ecological concerns. Corequisites: SOIL 4312.
Soil Science	563	SOIL 4320	UG	Genesis of Soil Landscapes	The co-evolution of soil landscapes. The role of water in the accumulation of parent materials and development of soil horizons. Factors and processes of soil genesis. Distribution of soil in their natural settings. Recommended: introductory soil science or introductory geology course.
Soil Science	13833	SOIL 4360	UG	Precision Agriculture Science and Technology	(same as AG_S_M 4360, PLNT_S 4360; cross-leveled with SOIL 7360, AG_S_M 7360, PLNT_S 7360). Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management. Prerequisites: PLNT_S 2100 or SOIL 2100, or PLNT_S 2110, or instructor's consent.

South Asian Studies	18022	S_A_ST 18	UG	History of Ancient India	(same as HIST 1860). This course surveys the history of South Asian history. The course begins with the Indus Valley Civilization (fl. 2600-1900B.C.) and ends with an analysis of Islamic impact on Indic culture around 1200-1350. Emphasis will be placed on cultural and social history, religion, arts and literature, and the sources used for the study of permodern civilizations. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
South Asian Studies	18158	S_A_ST 18	UG	History of Modern India	(same as HIST 1861). This course surveys the history of the South Asian subcontinent from the early seventeenth through the twentieth century. Emphasis will be placed on cultural and social history, religion, arts and literature, imperialism and colonialism, and the sources used for the study of modern civilizations. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
South Asian Studies	18908	S_A_ST 18	UG	History of India: 1000-1750	(Same as HIST 1862) This course surveys the history of the South Asian subcontinent from the eleventh through mid-eighteenth centuries. Emphasis will be placed on cultural and social history, religion, arts and literature, and the sources used to study civilization. Students will develop a basic knowledge and vocabulary necessary to pursue additional South Asian courses.
South Asian Studies	13385	S_A_ST 21	UG	Philosophy: East and West	(same as PHIL 2100). Compares the interpretation and role of philosophical concepts such as experience, reason permanence, change, immortality, soul, God, etc., in Indian, Chinese and European traditions. Prerequisites: sophomore standing.
South Asian Studies	13400	S_A_ST 32	UG	Hinduism	(same as REL_ST 3200). Origin and development of central themes of traditional Hinduism from earliest times to the modern period. Topics include: the Vedic tradition, rituals and practice, varieties of yoga and meditation, Indian religious thought and devotional Hinduism.

South Asian Studies	13417	S_A_ST 32	UG	Southeast Asia	(same as GEOG 3260). Physical, cultural, historical and regional geography of Southeast Asia, with an introduction to East Asian geography. Emphasizes the problems of tradition and development. Prerequisites: GEOG 2270 or junior standing.
South Asian Studies	21110	S_A_ST 32	UG	Hindu Goddesses	(same as REL_ST 3260). This course examines the vast range of Hindu Goddesses and their worship in South Asia. It includes information about goddess origins, mythology, symbolism, and attendant ritual practices. In order to approach this topic, background information about the history of Hinduism, major religious narratives, devotional practices, and iconographic representations of the divine are discussed. The course introduces the approaches of various scholars to Hindu Goddess worship within the context of religion, social relations, and gender roles, and explores ways in which South Asian women experience and negotiate feminine power in contemporary socio-cultural contexts.
South Asian Studies	13418	S_A_ST 32	UG	Geography of South Asia	(same as GEOG 3280). Topical and regional analysis of India, Pakistan, Sri Lanka. Historical development of distinctive cultural regions. Relations with neighboring areas. Impact of Westernization on economic activities, settlements, population. Prerequisites: junior standing.
South Asian Studies	19959	S_A_ST 34	UG	Indian Cinema	(same as AR_H_A 3790, ANTHRO 3490 and FILM_S 3490). Indian Cinema provides an overview of the key genres and themes of Indian film, including Bollywood, art cinema/parallel cinema, Indian regional cinemas, and diasporan cinema. The course combines film studies, anthropological, historical, and visual culture analyses to provide a holistic view of Indian culture and society through cinema. Prerequisites: Sophomore standing or higher.

South Asian Studies	13398	S_A_ST 43	UG	Religious Narratives of South Asia	(same as REL_ST 4300). Study of major narratives of India and their interpretation in literature and art. Topics include: Vedic and Epic mythology, stories of Krishna, myths and images of Shiva, and forms of the Goddess.
South Asian Studies	18454	S_A_ST 47	UG	Culture and Society in South Asia	(same as ANTHRO 4790). Survey of the cultures, social organizations, and lived experience of people from across the Indian subcontinent. Major topics include caste, kinship, gender, religion, village life, urbanization, public culture, popular culture, social change, and the South Asian diaspora. Recommended: junior standing.
South Asian Studies	13414	S_A_ST 48	UG	Asian Philosophy	(same as PHIL 4800). This course traces the origins of Indian and Chinese philosophical world views. Included are the major ideas in Hindu, Jaina, and Buddhist thought in India, and Taoism and Confucianism in China. Emphasis is placed on the diverse, assimilative, and pragmatic nature of Indian thought and its impact on contemporary Asian philosophy. Prerequisites: sophomore standing and one course in Philosophy; or instructor's consent.
South Asian Studies	13416	S_A_ST 48	UG	Contemporary Indian Philosophy	(same as PHIL 4820). Indian philosophical traditions as represented in backgrounds of Gandhi, Tagore, Tagore, and philosophical systems of Radhakrishnan, Aurobindo, etc. Prerequisites: junior standing.
South Asian Studies	18162	S_A_ST 48	UG	Colonial Masculinity/Colonial Frontier	(same as HIST 4860). This writing intensive discussion-based course examines how the Indian Army acted as a colonial army in the British Empire, including Africa, the Boxer Rebellion, and the World Wars. Focus is on the role of the Indian Army, impact of the Sepoy Mutiny and a martial race ideology.
Special Education	14106	SPC_ED 43	UG	Assessment and Evaluation in Special Education	Procedures and instruments used in the assessment of individual with disabilities, including standardized and non-standardized measures of intellectual ability, academic achievement, oral language, social/emotional behaviors, career/vocational needs. Prerequisites: SPC_ED 4300.

Special Education	14075	SPC_ED 43	UG	Collaboration and Consultation in Special Education	Study of communication, problem-solving, collaboration strategies. Application of strategies to work with exceptional students, their families, other professional members of interdisciplinary, interagency teams. Prerequisites: SPC_ED 4300.
Textile and Apparel Mgmt	14612	T_A_M 24	UG	Global Consumers	This course uses consumer behavior and cultural frameworks, integrated with critical and creative thinking processes to develop global perspective that is sensitive to diverse consumers' needs and preferences for products and services in the global marketplace. Graded on A-F basis only.
Textile and Apparel Mgmt	14610	T_A_M 25	UG	Social Appearance in Time and Space	An investigation of the motives and meanings that individuals negotiate through the use of dress in presenting themselves as players in complex social contexts. The emphasis is on cross-cultural, historical, and contemporary settings. Prerequisites: ENGLISH 1000.
Textile and Apparel Mgmt	19799	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as GERMAN 3510, PEA_ST 2810, and JOURN 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.
Textile and Apparel Mgmt	19799	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies	(same as GERMAN 3510, PEA_ST 2810, JOURN 3510, DST 3510). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.

Textile and Apparel Mgmt	19850	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H and JOURN 3510H). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course.
Textile and Apparel Mgmt	19850	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, JOURN 3510H, PEA_ST 2810H). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course.
Textile and Apparel Mgmt	19850	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors	(same as GERMAN 3510H, JOURN 3510H, PEA_ST 2810H, DST 3510H). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course.

Textile and Apparel Mgmt	20938	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Honors/Writing Intensive	(same as GERMAN 3510HW, JOURN 3510HW, PEA_ST 2810HW). This interdepartmental course serves as the introductory seminar for students pursuing the Certificate of Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. Prerequisites: Honors eligibility required. Restricted to non-Journalism students. Journalism students should enroll in Journalism sides of this course.
Textile and Apparel Mgmt	20939	T_A_M 28	UG	Think Global: Fundamentals of Globalization and Digital Technologies - Writing Intensive	(same as GERMAN 3510W, PEA_ST 2810W, JOURN 3510W, DST 3510W). This interdepartmental course serves as one of the core seminars for students pursuing the undergraduate Certificate in Digital Global Studies. The course focuses on the impact of technological change and globalization on cultures around the world from various interdisciplinary perspectives. The course is open to students in any discipline. Graded on A-F basis only.
Textile and Apparel Mgmt	2629	T_A_M 31	UG	Textiles and Apparel in the Global Economy	Economic, social, and political dimensions of the textile complex and trade in a global economy; implications for production, distribution, and consumption of products. Recommended: 6 hours of economics.
Textile and Apparel Mgmt	2606	T_A_M 44	UG	The Clothing/Textile Consumer: Research and Analysis	Examines the effects of economic, social and marketing factors on the clothing consumption process. Legislative and quality issues related to clothing and textiles are also discussed. Prerequisites: 3 hours of merchandising or marketing or microeconomics; 3 hours in statistics.
Textile and Apparel Mgmt	2606	T_A_M 44	UG	The Clothing/Textile Consumer: Research and Analysis	Examines the effects of economic, social and marketing factors on the clothing consumption process. Legislative and quality issues related to clothing and textiles are also discussed. Prerequisites: T_A_M 1300 or MRKTNG 3000. Recommended: 3 hours of statistics.

Textile and Apparel Mgmt	19319	T_A_M 48	UG	Case Studies in an Inter/Multicultural World	(same as GERMAN 4810, PEA_ST 4810). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only.
Textile and Apparel Mgmt	19319	T_A_M 48	UG	Case Studies in an Inter/Multicultural World	(same as GERMAN 4810, PEA_ST 4810, DST 4805). This inter-departmental course examines the ways in which people across the globe are affected every day by an unprecedented array of linkages that defy geographic and political boundaries. Also serves as one of the seminars for the certificate in Digital Global Studies. Graded on A-F basis only.
Theatre	14184	THEATR 1	UG	The Theatre in Society	Examines the form and meaning of theatre in civilizations of the West from the ancient Greeks to modern times. Recommended: Freshman or Sophomore standing.
Theatre	14640	THEATR 1	UG	World Theatre Workshop	(same as BL_STU 1250). Provides a diverse ensemble of student performers, writers, and technicians with an intensive immersion in the process of theatrical production through the public presentation of dramatic literature that focuses on global issues of ethnicity and culture.
Theatre	14193	THEATR 1	UG	African-American Theatre History	(same as BL_STU 1720). A historical and critical analysis of the evolution of African American cultural performance in the American theatre and entertainment industry.
Theatre	14641	THEATR 2	UG	African-American Cinema	(same as BL_STU 2150). Study of the impact of cinema and the entertainment industry on the social perceptions of African-Americans and on African-American culture.
Theatre	14646	THEATR 3	UG	New American Theatre	Survey of drama of the most recent decade as it documents contemporary mores and amplifies cultural themes.

Theatre	14663	THEATR 4	UG	Theory and Practice of Theatre of the Oppressed	(same as PEA_ST 4240). Theory and practice of Augusto Boal's liberatory interactive theatre process, including application of techniques of specific social issues. Prerequisites: instructor's consent.
Women's and Gender Studies	15229	WGST 100	UG	Topics in Women's and Gender Studies-General	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing.
Women's and Gender Studies	15230	WGST 100	UG	Topics in Women's and Gender Studies-Behavioral	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing.
Women's and Gender Studies	15231	WGST 100	UG	Topics in Women's and Gender Studies-Social Science	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing.
Women's and Gender Studies	15232	WGST 100	UG	Topics in Women's and Gender Studies-Humanities	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing.
Women's and Gender Studies	15233	WGST 112	UG	Introduction to Women's and Gender Studies	Introduction to the basic issues of Western feminist thought through a study of classical and contemporary sources. Course will consider images, conditions, activities and visions of women as they vary historically and socially.
Women's and Gender Studies	15241	WGST 150	UG	The Black Woman in America	(same as BL_STU 1500). Review and critique of a variety of materials about Black women from slavery to the social and philosophical impact of the Black woman's struggle on all women. Recommended: sophomore standing.
Women's and Gender Studies	15244	WGST 200	UG	Topics in Women's and Gender Studies-General	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing and/or WGST 1120.

Women's and Gender Studies	15245	WGST 200	UG	Topics in Women's and Gender Studies-Behavioral	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing and/or WGST 1120.
Women's and Gender Studies	15246	WGST 200	UG	Topics in Women's and Gender Studies-Social Science	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing and/or WGST 1120.
Women's and Gender Studies	15247	WGST 200	UG	Topics in Women's and Gender Studies-Humanities	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Recommended: sophomore standing and/or WGST 1120.
Women's and Gender Studies	16297	WGST 200	UG	Topics in Women's and Gender Studies-Humanities - Honors	Organized study of selected topics in women's and gender studies. Subjects and earnable credit may vary from semester to semester. Repeatable up to 6 hours. Prerequisites: Honors eligibility required. Recommended: sophomore standing and/or WGST 1120.
Women's and Gender Studies	19399	WGST 201	UG	Gender and Identity: Understanding Intersectionality	Explores historical and contemporary dimensions of social inequality in gender, race, class and sexuality. Uses an interdisciplinary lens and feminist analysis to analyze social, cultural, political and economic experiences of individuals and communities. Prerequisites: WGST 1120
Women's and Gender Studies	15251	WGST 202	UG	Feminist Theory	Introduces central themes and problems in feminist thought, including consciousness-raising, motherhood, class, race, sexuality, nationalism, and transnational feminism. Prerequisites: WGST 1120 or sophomore standing.
Women's and Gender Studies	17743	WGST 203	UG	Gender Perspectives: Colonial Histories, Post-Colonial Challenges	Identifies and interrogates key gender issues in post-colonial countries with an acute awareness of their constructions through western and local knowledge, patriarchy, the nation-state, and globalization. May be repeated for credit with different semester themes. Prerequisites: sophomore standing.

Women's and Gender Studies	17887	WGST 204	UG	Perspectives on Empowerment	Women's Empowerment is a popular catch phrase in culture, politics and research. This course explores the meaning of empowerment, the ways empowerment is practiced in organizations and in the everyday lives of girls and women, and the challenges in empowering girls and women in contemporary society. May be repeated for credit with different semester themes.
Women's and Gender Studies	19013	WGST 205	UG	Gender Perspectives: Issues in Public Health	Addresses issues of gender and public health in the US and abroad. Considers how race, class, gender, sexuality, and geopolitical context may impact health. May focus on specific health issues. May be repeated for credit with different semester themes.
Women's and Gender Studies	15328	WGST 208	UG	Perspectives on Sexual and Gender Diversity	This interdisciplinary, cross-cultural course investigates modern constructions of sexed and gendered bodies, paying particular attention to those systems of gender-based oppression that suppress multiple gender identities and expressions. May be repeated for credit with different semester themes. Prerequisites: sophomore standing.
Women's and Gender Studies	15234	WGST 218	UG	Introduction to Women's Literature	(same as ENGLSH 2180). A study of traditional and non-traditional literature written by women from the perspective of feminist themes-love, power, work, family and other relations. No more than six hours may be taken in the Introduction to Women's Literature series. Recommended: ENGLSH 1000.
Women's and Gender Studies	18264	WGST 225	UG	Perspectives on Gender, Race, Class and Sexuality in the Americas	Introduction to the formation of identities in the Americas. Some areas covered are immigration, transnational identity, pop culture, literary expression, body image, spirituality, racism/sexism, assimilation, acculturation, and activism. May be repeated for credit with different semester themes.
Women's and Gender Studies	20945	WGST 225	UG	Perspectives on Gender, Race, Class and Sexuality in the Americas - Writing Intensive	Introduction to the formation of identities in the Americas. Some areas covered are immigration, transnational identity, pop culture, literary expression, body image, spirituality, racism/sexism, assimilation, acculturation, and activism. May be repeated for credit with different semester themes.

Women's and Gender Studies	18983	WGST 226	UG	Perspectives on Mass Media: Constructions of Gender, Race and Sexuality	Examines constructions of gender, race, class and sexuality in the US media in the twentieth and twenty first centuries. Emphasis placed on media's coverage and uses of various socially constructed identities. May be repeated for credit with different semester themes.
Women's and Gender Studies	19381	WGST 234	UG	Perspectives on Gender and Popular Culture	Explores issues in popular culture in the 20th and 21st centuries with respect to feminism, gender, sexuality, race, class, and ability. Areas of study may include television, movies, music, advertisements, magazines, fiction, newspapers, the internet, and social media. May be repeated for credit.
Women's and Gender Studies	17998	WGST 237	UG	French and Francophone Women Writers	(same as FRENCH 2370). This course will address issues of race, gender and class in selected works originally written by women of different historical periods and geographical areas. (metropolitan France, French colonies, and territories such as the Caribbean).
Women's and Gender Studies	15250	WGST 240	UG	Social History of U.S. Women	(same as HIST 2400). This course, the social history of US women, offers a general overview of US women, beginning with the colonial period up to the present day.
Women's and Gender Studies	15330	WGST 250	UG	Philosophy and Gender	(same as PHIL 2500). A critical examination of central ideas and themes in feminist philosophical thought. Topics may include: sex, marriage, parenthood, reproduction, body image, pornography, prostitution. Prerequisites: sophomore standing.
Women's and Gender Studies	18375	WGST 296	UG	Sexual Health Advocacy and Service Learning	Students will critically investigate sexuality and reproductive health within a cultural context including religious, political, social justice, familial, and societal influences. Through assigned readings, reflection, experiential learning, small group activities and discussion, students will increase their awareness of sexual health issues, enhance self awareness, and learn how to effectively educate their peers surrounding issues of sexual health. Prerequisites: sophomore standing.

Women's and Gender Studies	15262	WGST 300	UG	Topics in Women's and Gender Studies-General	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable up to 6 hours. Recommended: junior standing and/or WGST 1120.
Women's and Gender Studies	19610	WGST 300	UG	Topics in Women's and Gender Studies-Humanities - Honors	Problems, topics, issues or review of research in any area of women's and gender studies and/or experimental development of new content areas. Repeatable up to 6 hours. Prerequisites: honors eligibility required. Recommended: junior standing and/or WGST 1120.
Women's and Gender Studies	15257	WGST 308	UG	Sexuality and Gender Theory	(same as ENGLISH 3080). Examination of major theoretical approaches and debates in the study of gender and sexuality, with particular attention to the intersection of culture, representation, and identity. May be repeated to 6 hours with departments consent.
Women's and Gender Studies	20212	WGST 315	UG	Themes in Gender and Work	This is an interdisciplinary course on gender and work. The course addresses topics such as contemporary and historical feminist debates about gender and work; problems of gender inequality at the workplace; historical context of contemporary patterns of gender inequality at work; and how gender intersects with race, class, sexuality and other social categories to shape people's work lives.
Women's and Gender Studies	19190	WGST 323	UG	Themes in Sexual Politics	Explores transnational politics of sex/sexuality, examines the theoretical, historical, analytical, and socio-cultural context of race, gender and sexuality. Students learn and apply a transdisciplinary approach and analyze shifts in the field of sexuality studies. May be repeated for credit with different themes. Prerequisites: WGST 1120. Recommended: sophomore standing.

Women's and Gender Studies	18380	WGST 324	UG	Nonprofit Work and the Pursuit of Social Justice	This course provides an overview of the work of nonprofit organizations. It will be framed in a social justice paradigm and will explore women's role in nonprofit organizations, why women gravitate to nonprofits, and the implications of their work to achieve social justice. Recommended: junior standing.
Women's and Gender Studies	19810	WGST 326	UG	Themes in Gender, Law and Justice	Course addresses issues related to gender, law and the justice system in the U.S. and /or globally. Topics may include history of women's rights in the U.S.; contemporary issues in law and justice such as incarceration, human trafficking, and gay marriage; and the ways race, class, sexuality and citizenship shape experiences of justice. May be repeated for credit with different semester themes. Recommended: junior standing.
Women's and Gender Studies	19654	WGST 327	UG	Themes in Masculinities	Explores how male experiences are shaped by gender expectations and social context, with emphasis on psychosocial challenges and privileges associated with negotiating masculine gender role expectations. Evaluates the psychological impact of gender, especially in American popular culture, on diverse men and their families. Studies how gender interacts with other aspects of identity, such as race, religion, ethnicity, socioeconomic status, sexual orientation and non-conforming gender identity. Course may be repeated for credit. Recommended: WGST 1120 and sophomore standing,
Women's and Gender Studies	19364	WGST 330	UG	Queer Theories/Identities	(same as SOCIOL 3300). Analysis of gay, lesbian, bisexual, transgender (GLBT) and queer identities in culture and society with an emphasis on the contributions of queer theory and other GLBT standpoint theories to sociology and the study of society. Prerequisites: SOCIOL 2200 or instructor's consent.

Women's and Gender Studies	20947	WGST 330	UG	Queer Theories/Identities - Writing Intensive	(same as SOCIOL 3300). Analysis of gay, lesbian, bisexual, transgender (GLBT) and queer identities in culture and society with an emphasis on the contributions of queer theory and other GLBT standpoint theories to sociology and the study of society. Prerequisites: SOCIOL 2200 or instructor's consent.
Women's and Gender Studies	15259	WGST 332	UG	Sociology of Gender	(same as SOCIOL 3320). Study of the ways in which femininities and masculinities are constructed in American society with particular attention to gender ideologies and the gendered nature of the social structure. Prerequisites: SOCIOL 1000 or SOCIOL 1360.
Women's and Gender Studies	19498	WGST 337	UG	Themes in Gender and Religion	Students acquire a basic knowledge and understanding of gender in religious communities including the construction of women's/men's religious identities, their gender relations, societal roles and status. Themes may explore how the organizational structures of religion can be a vehicle of oppression and a place for justice and autonomy; may explore the representation and practices of specific religions; or may address the intersections of gender, class, race, geopolitics, and religion. May be repeated for credit. Recommended: junior standing.
Women's and Gender Studies	17742	WGST 345	UG	Feminist Methodologies	This course is an opportunity to explore the difference that feminism makes in doing research. Students can begin to identify the research tools and strategies suited to questions they want to pursue. Prerequisites: sophomore standing.
Women's and Gender Studies	19380	WGST 348	UG	Themes in Sexuality and Literature	Examines sexuality and representations of sexuality in literature. The specific topic will be announced at the time of registration. May be repeated for credit with different semester themes. Prerequisites: sophomore standing.

Women's and Gender Studies	18985	WGST 356	UG	Themes in Gender and Immigration	Explores current controversies in immigration in various locations. The course will cover a number of topics including nationalism and citizenship, national identity, identity and fluidity, social inequality and others. May be repeated for credit with different semester themes.
Women's and Gender Studies	17888	WGST 367	UG	Themes in Gender and Globalization	Introduces transnational feminist theories, considers the practices and material circumstances related to globalization, and explores how class, gender, place/nation, (dis) ability, sexuality and colonial practices complicate our understanding of globalization. May be repeated for credit with different semester themes. Prerequisites: WGST 1120. Recommended: sophomore standing.
Women's and Gender Studies	15243	WGST 375	UG	Women and Religions	(same as REL_ST 3750). A rediscovery of the wealth of religious activity which women have created and enacted. Investigates women's roles and rituals in large-scale and local religions, including ancient Goddess religions, Hinduism, Buddhism, Judaism, Christianity, Islam, and African, South American, and native American groups. Prerequisites: sophomore standing.
Women's and Gender Studies	19117	WGST 385	UG	Themes in Gender and the Politics of Representation	Examines the gendered politics of representation by analyzing film, literature, popular media, and/or other popular cultural texts. May be repeated for credit with different semester themes.

Women's and Gender Studies	18376	WGST 387	UG	Russian Women and Film	(same as RUSS 3870 and FILM_S 3870) Traces image(s) of the Russian woman in 20th-century Russia as constructed in Russian, Soviet and late-Soviet film. Discusses heroines of pre-revolutionary melodrama and new Soviet man and woman" of the 20s. Considers war-time re-alignment of gender roles in defense of motherland and their subtle revamping in post-war and post-Stalinist period, and the shifting relations between women and men, women and women, and women and the State. Emphasizes cultural-historical and ideological status of women as reflected in onscreen image(s) in Russian film. Designed to serve as an introduction to film studies and to 20th-century Russian culture more generally. Conducted in English (all films have English subtitles). Prerequisites: sophomore standing."
Women's and Gender Studies	15300	WGST 411	UG	Feminist Research and Criticism	(same as SOCIOL 4110) Examination of both feminist critique of traditional social research and recent, feminist-oriented research that attempts to answer these criticisms.
Women's and Gender Studies	18026	WGST 412	UG	Women, Art and Society	(same as AR_H_A 4120). Analysis of the careers and works of women artists, and images of women (by female and male artists), in selected eras. Prerequisites: instructor's consent.
Women's and Gender Studies	15309	WGST 423	UG	Women, Development, and Globalization	(same as SOCIOL 4230, BL_STU 4230 and PEA_ST 4230). Examines the history and structure of development" discourse and practices. Stresses the interconnections and impact on women globally. Reviews women's strategies in defining and instituting programs to improve quality of life in communities. Prerequisites: BL_STU 1332, BL_STU 2200; SOCIOL 2200; WGST 1332 or WGST 2010."

Women's and Gender Studies	20076	WGST 423	UG	Social Perspectives on Gender and Emotion	(same as BL_STU 4235, SOCIOL 4235; cross-leveled with BL_STU 7235, SOCIOL 7235, WGST 7235). Examines theories of affect and emotions, the social contexts and the implications for human development and behavior, with special emphasis on sex, gender, race, class and culture. Graded on A-F basis only. Prerequisites: WGST 1332 or WGST 1360; SOCIOL 1360 or SOCIOL 2300; BL_STU 1332 or BL_STU 2200; junior standing.
Women's and Gender Studies	18381	WGST 431	UG	Adoption, Child Welfare and the Family, 1850-Present	(same as HIST 4310; cross-leveled with WGST 7310, HIST 7310). This interdisciplinary U.S. history course will address topics such as: changing legal and social meaning of adoption since 1850; historical connections between adoption and poverty, family, gender race, sexuality, class, fertility, identity; and more recent issues such as transnational adoption.
Women's and Gender Studies	18189	WGST 437	UG	Anthropology of Gender	(same as ANTHRO 4370). The Anthropology of Gender introduces the student to the variation in the relationships between male and females; and between men, women, and other genders from around the world. The different approaches to understanding and modeling gender are discussed, as are specific case-studies from many different cultures.
Women's and Gender Studies	15316	WGST 440	UG	Contemporary Issues in Domestic Violence	(same as SOC_WK 4400). This 3-hour course covers history of battered women's movement, violence theories, policy issues, prevention and intervention practice models for working with battered women, their children, and abusers. Graded on A-F basis only. Prerequisites: Junior or Senior standing required.
Women's and Gender Studies	15307	WGST 442	UG	Studies in Gender, Culture, and Politics	Examines ethical issues, social policies and politics, and cultural practices affecting women in specific national and global contexts. May be repeated for credit with different semester themes. Prerequisites: junior standing or instructor's consent.

Women's and Gender Studies	17999	WGST 455	UG	Gender and Human Rights in Cross Cultural Perspective	(same as SOCIOL 4550 and PEA_ST 4550). This course focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of rights, Western and nonwestern perspectives, feminist contributions, important substantive debates, violations, policymaking and activism. Prerequisites: WGST 1120 or SOCIOL 2200. Recommended: senior standing required.
Women's and Gender Studies	20949	WGST 455	UG	Gender and Human Rights in Cross Cultural Perspective - Writing Intensive	(same as SOCIOL 4550 and PEA_ST 4550). This course focuses on the global discourse on human rights and gender, emphasizing cross-cultural theories. Course includes the meaning of rights, Western and nonwestern perspectives, feminist contributions, important substantive debates, violations, policymaking and activism. Prerequisites: WGST 1120 or SOCIOL 2200. Recommended: senior standing required.
Women's and Gender Studies	15274	WGST 460	UG	Studies in Women and Health	A survey of international and domestic women's health issues; considers historical antecedents and specific effects of socio-cultural variables and economic development on women's health in developing and developed nations. May be repeated for credit with different semester themes.
Women's and Gender Studies	19379	WGST 464	UG	Studies in Gender and Performance	Examines the relationship among gender, race, class, and/or sexuality, and performance. Course materials may include theatre performance, visual art, literacy context, theoretical essays, films, and popular culture. May be repeated for credit with different semester themes. Prerequisites: junior standing.
Women's and Gender Studies	15294	WGST 466	UG	European Women in the 20th Century	(same as HIST 4660). Examines the history of European women from World War I to the present. The course focuses on wars, migration, and the changing nature of family, work and community. Prerequisites: junior standing.

Women's and Gender Studies	15303	WGST 475	UG	Women, Religion and Culture	(same as REL_ST 4750). An advanced study of the role of women in religion, focusing on the methods of determining the significance of gender in religious life, sacred texts, symbols, rituals and/or beliefs. Traditions studied include Christianity, Islam, contemporary pagan communities, and Native American traditions. Prerequisites: REL_ST 3750 or WGST 3750.
Women's and Gender Studies	15314	WGST 478	UG	Women's Folklore and Feminist Theory	(same as ENGLSH 4780). Examines folklore and artistic expression of women in relations to feminist theory and in multicultural contexts. Includes verbal genres (narrative/song) as well as material genres (quilting/arts). Recommended: junior standing.
Women's and Gender Studies	19172	WGST 487	UG	Women's and Gender Studies Abroad - Behavioral Science	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.
Women's and Gender Studies	19171	WGST 487	UG	Women's and Gender Studies Abroad - Social Science	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.
Women's and Gender Studies	19170	WGST 487	UG	Women's and Gender Studies Abroad - Humanities	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development.
Women's and Gender Studies	19656	WGST 487	UG	Women's and Gender Studies Abroad - Humanities	This interdisciplinary study abroad course provides students the opportunity to study women's issues in the globe, to study in a foreign culture and augment their global competencies across the Women's and Gender Studies curriculum and extend a global perspective to their study and/or career development. Prerequisites: Honors eligibility required.

Women's and Gender Studies	15332	WGST 494	UG	Internship in Women's and Gender Studies	Directed professional experience in appropriate feminist related agency or organization. Graded on S/U basis only. Prerequisites: junior standing; departmental consent.
Women's and Gender Studies	15299	WGST 496	UG	Special Readings in Women's and Gender Studies	Independent readings in women's and gender studies for highly qualified and motivated students. Topic selected in consultation with supervisory faculty member. Repeatable up to 6 hours. Prerequisite: junior standing or WGST 1120.
Women's and Gender Studies	15318	WGST 499	UG	Capstone: Senior Research Seminar in Women's and Gender Studies	Seminar for senior students earning interdisciplinary B. A. with emphasis in WGST. Students will reflect knowledge and experience gained as WGST majors and explore taking that knowledge and experience out in the real world". Prerequisites: instructor's consent."
Women's and Gender Studies	20950	WGST 499	UG	Capstone: Senior Research Seminar in Women's and Gender Studies - Writing Intensive	Seminar for senior students earning interdisciplinary B. A. with emphasis in WGST. Students will reflect knowledge and experience gained as WGST majors and explore taking that knowledge and experience out in the real world". Prerequisites: instructor's consent."