

Subj	Crse	Title	Sustainability Course	Course includes Sustainability	Catalog Description
AAA	341	Civil Conflicts in Africa			The analysis of the nature and dynamics of both non-violent and violent conflicts - civil wars - in Africa, and the efforts to resolve them. The focus will be on selected case studies of African states. Fulfills one of the Issues/Themes requirements. Offered every year. Credits: 3
AAA	490	Practicum: Career-Service in Community Building			Agency experience in the community relating practical training and independent study in a specialized area in African American studies. Maximum of six credits. Nine hours of course preparation and permission of instructor and program coordinator. Offered fall and winter semesters. Credits: 1 to 6
AAA	333	Study Abroad- African/African-American Studies - GHANA			Of varying focus, the course makes use of the history, culture, and society of a host country in order to highlight disciplinary perspectives in context. To be taught in that country (or countries) as part of an approved study abroad program. By permit only. Credits may vary. Offered as needed. Prerequisites: Specific to course and instructor.
ANT	204	Introduction to Cultural Anthropology			Introduces the discipline of anthropology by examining the diversity of human cultures that have been described by anthropologists over the last 100 years. The principles of anthropology are explained with examples drawn from non-Western culture. Comparisons are drawn with our own. Fulfills one of the Foundation - Social and Behavioral Sciences. Fulfills Cultures - World Perspectives. Offered fall and winter semesters. 3 cr
ANT	215	Origins of Civilization			This course examines the consequences of decisions made by our ancestors, the successes and failures of past civilizations, so that we may better understand our own behavior. Development of world civilizations is explored using historic, archaeological and other perspectives that inform us about the past. Fulfills Foundation - Historical Perspectives. Fulfills Cultures - World Perspectives. Offered winter semester. 3 cr.
ANT	308	Field Experience Abroad			Of varying focus, the course makes use of the history, culture, and society of a host country in order to highlight disciplinary perspectives in context. To be taught in that country (or countries) as part of an approved study abroad program. By permit only. Credit may vary. 1-6 cr.
ANT	340	Culture and Environment			Compares different adaptive strategies of cultures from around the world and seeks understanding of ethical and social values different groups have related to the environment. Attention is focused on how humans relied on cultural mechanisms in the past to adapt and change their physical and natural environment. Fulfills Cultures - World Perspectives. Part of the Sustainability Issue. Offered each semester. Prerequisites: Junior Standing, WRT 150, and either Historical Perspectives or US Diversity. 3 cr.
ANT	345	Perspectives on Globalization			The anthropology of globalization examines the emergence of "globalized local cultures." Students employ the ethnographic approach to understand globalization as the intensification of interconnectedness, in which anthropologists learn that fundamental problems of deep and universal concern to humans everywhere will need to be addressed at local, national, and global levels. Offered fall semester, even years. Fulfills Cultures - World Perspectives. Part of the Globalization Issue. Prerequisite: Junior standing. 3 cr.
ANT	380	Cultural Resource Management			Temporary course - description not available.
ANT	495	SWS Practicing Anthropology			Provides students with a broad and comprehensive perspective on the fundamental assumptions and issues in anthropology. Emphasis on the application of anthropological knowledge to solve social problems. Given the diverse dimensions of current trends in anthropology, students will work to establish their particular interests with the field. Offered winter semester. Prerequisites: Senior standing in anthropology and ANT 405. 3 cr.
BIO	104	Biology for the 21st Century			Introductory course for nonscience majors designed to provide a biological literacy for making informed personal, social, and environmental decisions. Topics include cell biology, genetics and biotechnology, form and function of the human body, evolution and ecology. Does not count toward a biology major or minor. Fulfills Foundation - Life Sciences with a Lab. Offered every semester. 4 cr.
BIO	105	Environmental Science	1		Study of natural ecosystems, their interrelationships, and human impacts and evolution of humans and environmental determinants of their cultures. Land use, resource and energy utilization, population trends and causative factors, air and water pollution, and economic factors influencing decision-making are emphasized. Does not count toward a biology major or minor. Fulfills Foundation - Life Sciences. Fulfills one of the Issues/Themes requirements. (3-0-0) Offered every semester.
BIO	107	Great Lakes and Other Water Resources			A study of our region's water resources, including the Great Lakes, streams, and groundwater, and relationships of people with these systems. Does not count toward a biology major or minor. Designated lecture and laboratory sections are tailored for prospective elementary teachers. Fulfills Foundation - Life Sciences with a Lab. (3-0-3) Offered fall semester. 4 cr.
BIO	215	General Ecology			Population, communities, and ecosystems, including primary productivity and energy flow, materials cycling, succession, population dynamics, and systems modeling. (3-0-3) Offered fall and summer semesters. Prerequisites: BIO 120 and 12 college credits; (BIO 121 recommended). 4 cr.

BIO	319	Global Agricultural Sustainability	1	Study of the biological and environmental principles at the foundation of agricultural sustainability; how various traditional and modern agricultural practices follow those principles and how social, cultural, and economic factors ultimately control agricultural practices. Cohesiveness with other courses in this theme will be maintained by highlighting a specific geographical region. (3-0-0) Offered fall and winter semester. Prerequisite: Completion of the General Education Life Science Requirement. 3 cr.
BIO	328	Biomedical Ethics	1	Examination of ethical dilemmas encountered in medicine and biomedical research, with an emphasis on obligations of health care workers to their patients. Biology majors may not use both BIO 328 and BIO 338 as elective credit within the major. Part of the Health Issue. (3-0-0) Offered fall, winter, and summer semesters. Prerequisites: Junior standing. 3 cr.
BIO	338	SWS Environmental Ethics	1	Examines philosophical underpinnings of environmental ethics. Explores approaches for understanding sustainability issues, solving ongoing environmental problems, and developing a global environmental ethic. Biology majors may not use both BIO 328 and BIO 338 as elective credit within the major. Part of the Sustainability Issue. Prerequisites: Junior Standing, Writing 150 (C or better). 3 cr.
BIO	362	Fisheries Biology	1	Study of the anatomy, morphology, and classification of fishes and their biology, ecology, and evolution. Emphasis on species native to the Great Lakes region. (3-0-3) Offered fall semester. Prerequisite: BIO 121; BIO 120 is recommended. 4 cr.
BIO	408	Wildlife Management	1	An examination of techniques used in the management, research, and conservation of wildlife species. Introduces the fundamental concepts of wildlife management, including wildlife habitat requirements, evaluation of habitat suitability, interpretation of data analysis techniques, and applied techniques of habitat and population management. Offered fall semester. Prerequisite: BIO/NRM 308. 4 cr.
BIO	417	International Field Biology	1	One to three week trips to international locations to study the fauna, flora, ecology of representative ecosystems, climate, geology, paleobiology, environmental problems, and/or human impacts upon the above. The field-based experience is combined with readings, lectures, papers, and discussions. A maximum of six credits from BIO 417 & BIO 418 combined may be applied to the elective credit requirements for the Biology or NRM major. BIO 417 does not satisfy the plant or animal biology requirements, but may be repeated for credit. Offered fall, winter, and spring/summer semesters. Prerequisites: Variable and with permission of instructor. 1-4 cr
BIO	440	Limnology	1	Ecology of lakes and streams with emphasis on the physical, chemical, and biological factors affecting their productivity. (2-0-4) Offered every second fall semester. Prerequisite: BIO 215 or permission of instructor. 4 cr.
BIO	450	Stream Ecology	1	Examines the structure and function of stream ecosystems, with emphasis on the physical, chemical, and biological factors that influence flowing-water habitats. Laboratory focuses on the methods of stream ecology, including collection and analysis of physical, chemical, and biological data. Field work emphasizes local stream ecosystems. (3-0-4) Offered every second fall semester. Prerequisites: BIO 121 and BIO 215 or permission of instructor. 4 cr.
BIO	460	Terrestrial Ecosystem Ecology	1	Investigation of the structure and function of terrestrial ecosystems using a systems approach. Biotic and abiotic processes controlling interactions among biogeochemical cycles in ecosystems will be discussed and examined. Topics will include controls on primary production, evapotranspiration, decomposition, and herbivory; and potential for anthropogenic changes in ecosystem processes. (3-0-3) Offered fall and occasional summer semesters. Prerequisite: BIO 215; NRM 281 recommended. 4 cr.
BMS	100	Human Health and Disease	1	Presents the basic terminology and concepts of medicine and health maintenance for non-science students. Emphasis is on the interaction of technical concepts of health and disease with the political, economic, legal, and ethical aspects of American society. Fulfills Foundation - Life Sciences. Offered fall, winter and occasionally summer semesters. Three credits.
BMS	105	Basic Nutrition	1	An investigation of the bases of nutrition, from a scientific and social-psychological viewpoint. Problems of malnutrition, food as a social phenomenon, and current controversies in nutrition will be discussed. Offered fall, winter, and occasionally summer semesters. Three credits.
BMS	222	Introduction to Public Health	1	Introduction to the history, philosophy, current concepts, practice, and administration of public health in the United States. Offered fall semester. Three credits.
BMS	223	Public Health Concepts	1	An introduction to the strategies and tactics, both past and present, for the control and eradication of infectious and chronic diseases of humans. Offered winter semester. Three credits. Fulfills one of the Issues/Themes requirements.
BMS	404	Community Nutrition	1	This course will cover the field of community nutrition characteristics, purpose, and job opportunities. It will also discuss the following: the methods used to assess a group or community's nutritional status; the tools to evaluate community intervention programs; the cultural diversity found in the community; and the implications of such diversity for health professionals. Offered Winter Semester. Prerequisite: BMS 105 and Junior standing. Three credits.
BMS	495	Concepts in Wellness	1	This biomedical sciences course will synthesize the materials students have learned from the biomedical sciences core and cognate courses and enable them to write and present professionally styled communications to an audience of their peers and instructors. (3-0-0) Offered fall, winter and occasionally summer semesters. Prerequisites: BMS 208, BMS 212, BMS 290 or BMS 291, and senior standing Offered for SWS credit. Three credits.
BUS	201	Legal Environment for Business	1	The legal, regulatory, and ethical environment in which business operates is explored, with emphasis on the regulation of business, international law, environmental law, ethics, the political and social factors influencing case and statutory law, contracts, employment law, and business organizations. Offered every semester. 3 cr.
BUS	301	International Business and Culture	1	Explores how business is done in a country or region, and how culture influences business and its environment. Reviews country's history, economics, politics, government, arts or education. Explores how business practices may differ from U.S. practices. To be

				taught in that country as part of a study abroad program. Fulfills Cultures - World Perspectives. Fulfills one of the Issues/Themes requirements. Offered spring/summer. 3 cr.
CMB	150	Biotechnology and Society		An introduction to biotechnology, focuses on its application in, and impacts on, our society. Scientific, ethical, economic, legal, social and historical aspects of biotechnology will be covered. Class discussions and laboratory investigations of current topics including: cloning; agricultural biotechnology; genetically-modified foods; stem cells; and medical biotechnology highlight the course. Fulfills Foundation - Life Sciences with a Lab. Offered every semester. 4 cr.
CHM	111	Introduction to Green Chemistry	1	Green Chemistry, also known as sustainable chemistry, is the design of chemical products and processes that reduce or eliminate the use or generation of hazardous substances. The course presents basic concepts of green chemistry and engineering. It is not applicable for chemistry majors or minors. Fulfills Foundation - Physical Sciences. 3 cr.
COM	372	Global Communications		A global focus on the relationship between media and society. The nature of global media in a world community. Varieties of media technologies, contents, and effects. How media encourage cross-cultural unity, or increase tensions within and between nations. Fulfills one of the Issues/Themes requirements. Offered fall semester. 3 cr.
CJ	325	Criminal Justice and Human Rights		A comparative study of criminal justice in relation to past, current, and emerging human rights claims, violations, protections and enforcement locally, regionally, nationally, and internationally. Part of the Human Rights Issue. Offered winter semester.
CJ	380	Mod Slavery: Human Trafficking		Prerequisite: Junior Standing. 3 cr.
ECO	100	Current Economic Issues		1 New course - description not available
ECO	210	Introductory Macroeconomics	1	Examination of current social issues from an economic perspective, such as drugs, rent control, environmental pollution, poverty, crime, and the distribution of medical care. Recommended for students interested in current issues. Students with any economics course at ECO 200 and above cannot take this course for credit. Fulfills one of the Foundation - Social and Behavioral Sciences. Offered fall and winter semesters. 3 cr
ECO	345	Environmental and Resource Economics	1	Introduction to the study of the national and global economies. Topics include the effects of government taxation and budget deficits on economic growth; ways to alleviate unemployment, inflation and international trade imbalances, and the importance of expectations and decision-making in an uncertain world. Fulfills one of the Foundation - Social and Behavioral Sciences. Offered every semester. Prerequisites: MTH 110 or MTH 122 or MTH 201, sophomore standing recommended. 3 cr.
ECO	349	Emerging Markets Issues		Develops a systematic economic framework to analyze market and government allocations of natural and environmental resources. Topics include relationships between population growth, land development, and environmental quality; regulatory versus market oriented environmental policies; supplies and prices of mineral and energy resources; harvest and protection of forests and fisheries. Part of the Sustainability Issue. Offered each year. Prerequisites: Junior standing and ECO 200 or ECO 211. 3 cr.
ECO	350	Gender and Economics		Emerging Markets Issues. Important problems in emerging markets throughout the world, such as: policies to stimulate growth via international trade; foreign aid and multinational investment in transitional economics; the use of natural resources and agriculture in economic development; and the relationship of economic development to education, health and migration. Fulfills Cultures - World Perspectives. Fulfills one of the Issues/Themes requirements. Offered every other year. Prerequisite: ECO 210 or ECO 200. 3 cr.
ECO	369	International Economic Issues		1 Analysis of gender differences in employment and earnings. Topics include allocation of time between the household and the labor market, employment and family structure, theories of discrimination, antipoverty programs, comparable worth, parental leave, and affirmative action. Historical trends and cross-cultural comparisons are discussed along with current U.S. conditions. Fulfills one of the Issues/Themes requirements. 3 cr.
ECO	380	Health Economics		Selected topics in both international trade and international finance. Includes preferential trading arrangements such as NAFTA and the European Union; analysis of barriers to trade and arguments for and against protectionism; the influence of exchange rates on capital flows; and the relationship between international trade and economic growth. Fulfills Cultures - World Perspectives. Fulfills one of the Issues/Themes requirements. Offered every year. Prerequisite: ECO 210 or ECO 200. 3 cr.
ECO	435	Urban Economics		1 Application of microeconomic tools to health and medical care issues. Topics include demand for health care, economic choices of medical care providers, insurance markets, economic justification for government involvement in the medical care system, various proposals for health care reform in the U.S. and different health care systems in the world. Part of the Health Issue. Offered fall semester. Prerequisites: Junior standing and ECO 211 or ECO 200. 3 cr
EDF	315	Diverse Perspectives on Education		1 Topics include the urbanization process, the city as an economic system, location analysis, poverty, housing, pollution, transportation, and public finance. Fulfills one of the Issues/Themes requirements. Offered fall semester. Prerequisites: ECO 211 or ECO 200. 3 cr
				1 This course will introduce the historical, philosophical, and sociological foundations of education in the United States. Emphasis will be placed on the changing purposes of education historically, the legal and procedural expansion of schooling to an increasingly diverse student population, and the cultural competencies needed to teach all students effectively. Fulfills Cultures - U.S. Diversity. Offered every semester. 3 cr

EGR	306	Urban Sustainability	1	Social, environmental, economic points of view engaged to study how successful cities work. Study approached using assigned reading compared to direct observation and immersion into urban environments. Focus: interaction of built environment with social, natural environment. How engineering decisions about materials used in buildings impact structural integrity, energy use, economics. Offered fall and winter semesters. Part of the Sustainability Issue. Prerequisites: Junior standing, MTH 110 (may be taken concurrently). 3 cr
EGR	463	Alternative Energy Systems and Applications	1	Introduction to the current issues of energy for sustainability. Principles of alternative and renewable energy sources including solar thermal, solar photovoltaic, wind, hydropower, biomass, geothermal, hydrogen and nuclear energy. Fundamentals of combustion of hydrocarbon fuels and alternative fuels such as biofuels. Fuel cells and electrochemical energy storage units. Offered fall semester. Prerequisites: EGR 360 or PHY 360 or permission of instructor. 4 cr
EGR	480	Materials for Energy Storage	1	Study of the materials for advanced energy storage. Topics include electrochemical reactions, anode and cathode materials, electrolyte materials, electrochemical testing of materials, typical responses of common materials, and life testing. In addition, tradeoffs in material performance are discussed. Offered fall semester. Prerequisites: EGR 250 or EGR 257 or by permit. 3 cr
ENG	382	SWS Nature Writing	1	Focuses on the literature that deals with the relationship between human beings and the natural world. Includes literary non-fiction, nature poetry, environmental fiction, and other forms of literature that illuminate both human and non-human nature. In addition to writing analytical papers, students will try several forms of nature writing. Fulfills one of the Issues/Themes requirements. Offered fall and winter semesters. Prerequisite: WRT 150. 3 cr
ENS	201	Introduction to Environmental Studies and Sustainability	1	ENS 201 is an interdisciplinary exploration of the multiple ways by which human society influences, and is influenced by, its natural environment. Economic, political, and socio-cultural dimensions of environmental studies are presented through and interdisciplinary approach. Principles of sustainability are examined. Prerequisite: sophomore standing. 3 cr
ENS	401	Environmental Problem Solving	1	A problem-solving seminar in Environmental Studies. Attention will be given to vulnerabilities to environmental change, sustainable development, impact and risk assessment, adaptations to and mitigation of environmental problems at various scales. Multidisciplinary student teams will conduct original research and design sustainable practices and solutions for real-life environmental problems. Prerequisites: ENS 201 and junior standing. 3 cr
ENS	480	Sustainable Agriculture Pract	1	Temporary course - description not available.
FIN	330	Ethics in Finance	1	This course relates ethical principles to issues faced by financial professionals in fields such as investment analysis, investment sales, corporate finance and financial institutions. A general background in moral philosophies will be provided. Offered winter semester. Prerequisite: FIN 320. 3 cr
GEO	100	Environmental Geology	1	The relationship between people and their physical geological environment. Topics include geologic hazards, hydrology and human health, mineral and energy resources, and land use planning. Primarily for non-science majors; not for Geology or Earth Science majors. Lectures and field trips. Fulfills Foundation - Physical Sciences. (3-0-0) Offered each semester and in summer. 3 cr
GEO	105	Living with the Great Lakes	1	Introduction to Earth Science using the Great Lakes as a theme and Lake Michigan as a natural laboratory. Review of the Lakes' geologic setting, origin, and history; climatology and lake levels; physical processes including erosion; water chemistry as a function of geology; human interactions with the Lakes. Lectures and field trips. Fulfills Foundation - Physical Sciences. (3-0-0) Offered in fall semester and in summer. 3 cr
GEO	300	Geology and the Environment	1	Detailed examination of interactions and connections between people and their geologic environment from an Earth Systems perspective. Using case studies and current events, students investigate complex environmental processes and issues related to the lithosphere, hydrosphere, atmosphere, and biosphere. Students will reach and defend decisions concerning personal, corporate, and governmental actions. Fulfills one of the Issues/Themes requirements; not included in the Geology/Earth Science major or minor. (3-0-0) Offered winter semester. Prerequisites: Junior standing and completion of Natural Sciences Foundation. 3 cr
GPY	309	Introduction to City and Regional Planning	1	An introductory course for people interested in careers in planning and public administration. The course explores the relationship between the goals of a community and the techniques needed to implement long-term and sustainable strategies. Fulfills one of the Issues/Themes requirements. Offered fall semester. 3 cr
GPY	316	Introduction to Transportation Planning	1	This course is an introduction to transportation planning. It explores the planning, land use and policy implications of city and regional transportation as it relates to urbanism, energy use, public health and safety, sustainability and economic development. Offered winter semester of odd-numbered years. 3 cr
GPY	324	Urbanization	1	Examines the process of urbanization and its impact on various cultures and its long-term comprehensive sustainability. Considers the dynamic growth of urbanization in third world countries and the significant increase in global urbanization, emphasizing the evolution of cities over time, space, and vastly different social, political, and cultural environments. Fulfills Cultures - World Perspectives. Fulfills one of the Issues/Themes requirements. Offered fall semester. 3 cr
GPY	362	A Geography of World Agriculture and Farmers	1	A geography of the world's agricultural practices and development at different scales, from traditional methods to industrial agriculture with an emphasis on farming societies. Topics include indigenous agriculture and crop domestication, agroforestry and plantation systems, land use and rural societies, export crops, aquaculture and livestock, and drug cultivation. Fulfills Cultures -

				World Perspectives. Part of Globalization Issue. Offered fall semester. Prerequisite: Junior standing. 3 cr
GPY	363	World Forests and Their Use		A geography of the world's forests and their use, from traditional to industrial practices over space and time. Topics include the local, national and international exploitation of forests, forest societies, foods, fuel and medicines, timber, protected areas, and the challenge of sustainable forest use in different regions and environments. Fulfills one of the Issues/Themes requirements. 1 Offered fall semester. 3 cr
GPY	412	Global Environmental Change	1	The main theme of this course is the changing nature of our environment and human-environmental interactions. Topics include climatic fluctuations, environmental reconstructions, the interaction between humankind and the environment since the prehistoric times, and human-induced environmental change of the last century at the global, continental and regional scales. Cross-listed with ENS 412. Fulfills one of the Issues/Themes requirements. Offered winter semester. Prerequisites: GPY 100 or BIO 105. 3 cr
HNR	235	SWS Democracy & Pol Thinking		Course explores the idea of democracy and its alternatives, with a focus on citizen participation, political judgment, and basic values of freedom, equality, and tolerance. The course pays special attention to the possibilities of and obstacles to student participation in politics, including the student's role in campus government. Fulfills one of the Foundation - Social and Behavioral Sciences. Offered fall semester. 3 cr
HNR	241	The Earth, A Global View		Course has two objectives: (1) understanding Earth as one global, holistic, delicately balanced dynamic system; and (2) understanding the critical interdependence between humans and Earth systems. Required field trip. Fulfills Foundation - Physical Sciences with a Lab. See University Honors College. (3-0-3) Offered fall and winter semesters. 4 cr
HNR	242	Plants and People		Plants are the dominant organisms on the landscape and are often taken for granted. The ecology, structure, function, genetics, and variety of plants are studied in order to develop an appreciation of the dependence of humans upon them for food, oxygen, shelter, medicines, and pleasure. Fulfills Foundation - Life Sciences with a Lab. Offered fall and winter semesters. 3 cr
HNR	280	Food For Thought		1 Temporary course - description not available.
HNR	280	Theory & Practice of Rights I		1 Temporary course - description not available.
HNR	280	Social Product Innovation		1 Temporary course - description not available.
HNR	281	Ghanaian Life and Culture	1	Of varying focus, the course makes use of the history, culture, and society of a host country in order to highlight disciplinary perspectives in context. To be taught in that country (or countries) as part of an approved study abroad program. By permit only. Credit may vary. 3 cr
HNR	311	SWS Prob Solving-Sustain Sols	1	An intensive, in-depth study of a special problem or topic. The seminar, taken in the junior or senior year, is a Capstone for the liberal arts component of the student's education. It provides an occasion for considering the ways in which liberal arts disciplines impinge upon each other. Fulfills Cultures - World Perspectives. 3 cr
HTM	202	International Tourism		Introduction to international tourism focusing on the socio-economic effects of international tourism along with the inherent public-private interaction. International tourism is more than a set of industries, but rather an activity that encompasses human behavior, uses of resources (public and private), and interaction with other people, economies, and environments. Fulfills Cultures - World Perspectives. Offered fall semester. Prerequisites: HTM 101 suggested. 3 cr
HTM	368	Geotourism	1	A study of geotourism, tourism that sustains or enhances the geographic character of a place. Topics include: community development, land use and planning, conservation of resources, tourist satisfaction and marketing, with the purpose of sustaining or enhancing the environment, culture, aesthetics, heritage, and the well-being of a places residents. Part of the Sustainability Issue. Offered fall and winter semesters. Prerequisites: Junior standing and HTM 202 (Recommended). 3 cr
HTM	402	Tourism Policy Issues		This course provides a comprehensive overview of the theories of tourism development as well as an analytical approach to worldwide development issues. The roles of stakeholders are evaluated and there is a focus throughout on the applied theoretical discussions regarding development and sustainable management of tourism destinations and attractions. Offered winter semester. Prerequisites: HTM 202 or Permission of instructor. 3 cr
ITC	100	Introduction to Intercultural Competence		This course introduces students to the concept of cultural competence, and provides them with the knowledge and application of skills necessary to succeed in diverse settings. This course examines theories of intercultural engagement and then requires students to consider how they might apply knowledge in diverse practical settings. Fulfills Cultures - U.S. Diversity. 3 cr
ITC	490	Practicum: Intercultural Learning Experience		The course is an application of intercultural principles in a public or community setting. Students will engage in both cohort learning activities as well as individual experiential placements. Students on qualifying semester study abroad programs can complete the practicum concurrently with participation in the cohort. Offered fall and winter semester. Prerequisite: ITC 100, and filing of application for certificate in Intercultural Competence. 3 cr
ITC	495	Culminating Seminar in Intercultural Competence		This is the culminating course required for completion of the Intercultural Competence Certificate. Students identify issues of cultural conflict in their communities or academic disciplines, and develop plans for how these issues might be addressed through cultural understanding or training. Offered winter semester. 3 cr

LIB	201	Diversity in the United States		Explores how the intersections of race, ethnicity, gender, sexual orientation, class, religion and physical abilities affect the material lives and media representations of various cultural groups in the United States. Engages historical and current debates regarding issues of immigration, meritocracy, segregation, the economy, the environment, and identity. Fulfills one of the Foundation -
				1 Social and Behavioral Sciences. Fulfills Cultures - U.S. Diversity. Offered fall and winter semesters. 3 cr
LIB	330	The Idea of Nature		1 n historical and cross-cultural examination of how nature has been interpreted by science, philosophy, religion, literature, and art. Fulfills one of the Issues/Themes requirements. Offered winter semester. 3 cr
LIB	340	Utopias: Ideal Worlds		1 Is freedom really life without external social constraints, or is it unattainable unless we accept some amount of societal control over our actions? This course reviews several utopias and dystopias-some real, some fictional-to probe the proper balance between freedom and both formal and informal means of social control. Fulfills one of the Issues/Themes requirements. Offered fall semester. 3 cr
LIB	341	Leadership for Social Change		1 An examination of the theory and practice of leadership in social change movements, focused on developing personal and organizational capacities for leadership in a liberal education context. Students identify a contemporary social issue and create an action plan for resolution, addressing that issue with at least one action step. Part of the Information, Innovation, and Technology Issue. Offered fall and winter semesters. Prerequisite: Junior standing. 3 cr
MGT	340	Business, Social Change and Ethics	1	Examines the process of business development and the ethical questions that process raises. Particular attention is paid to the questions raised by market pressures, bureaucratic organization and income stratification. Fulfills one of the Issues/Themes requirements. Offered every semester. 3 cr
MGT	438	Business Ethics		1 An inquiry into the relevance of the classical ethical literature to the resolution of everyday business problems. Particular emphasis will be placed on the practical usefulness of the Socratic tradition. That tradition requires that we attend to clarifying our own values as well as those of others. We will read a number of Socratic Dialogues, respond to a variety of business cases, and attend to the relationship between them and the process of understanding ourselves. Fulfills one of the Issues/Themes requirements. Prerequisite: MGT 331. 3 cr
MGT	355	The Diversified Workforce		1 An examination of the experiences of different groups in the U.S. workforce, including race, ethnicity, gender, age, disability, and sexual orientation. Cultural differences are explored and a consideration is given to the ways in which organizational norms operate to include or marginalize different groups of people. Fulfills Cultures - U.S. Diversity. Fulfills one of the Issues/Themes requirements. 3 cr
MGT	466	International Management and Multinational Corporations		1 A study of the managerial challenges of conducting business in a global economy. Emphasis on cultural differences and their impact on the situations and issues managers confront when working internationally. Requires senior status or approval of instructor. Fulfills one of the Issues/Themes requirements. Fulfills Cultures - World Perspectives. Prerequisite: Senior status. 3 cr
NRM	140	The Climatic Factor		1 A study of the atmosphere, broad aspects of weather and climate, microclimatology, and the geography of climate and effects on terrain, vegetation, and people. (3-0-2) Offered fall and winter semesters. 4 cr
NRM	150	Introduction to Natural Resources	1	1 Survey of natural resource issues and environmental problems. The course will use an integrated approach involving concepts from natural and social sciences to provide a foundation for understanding past, present, and future natural resource issues including biodiversity, land use, water and air pollution, human population, energy use, and waste management. (0-3-0) Offered fall and winter semesters. 3 cr
NRM	240	Principles of Climatology	1	1 The atmosphere, broad aspects of weather and climate, microclimatology, and paleoclimatology. Instrumentation, data presentation, ecoclimate, and microclimatological field observations. Lecture, laboratory, and field trips. (3-0-2) 4 cr
NRM	281	Principles of Soil Science		1 Aspects of the physical, chemical, and biological properties of soils. (3-0-3) Offered fall semester. 4 cr
NRM	300	Ethical Recreation: Leave No Trace	1	1 This three-day backpacking course covers how increasing recreational use of public lands can impact biophysical resources and visitors' experience. Students will apply the principles and practices of the Leave No Trace (LNT) program which are designed to reduce the effects of wildland recreation. LNT certification possible upon successful completion. Offered spring semester. Prerequisites: Completion of the General Education Life Sciences requirement. Junior standing. Permit required. 1 cr
NRM	308	Wildlife Ecology		1 This course provides an introduction to wildlife ecology including population ecology as it relates to wildlife management and conservation. Offered winter semester. Prerequisite: BIO 215. 4 cr
NRM	320	Introduction to Resource Systems		1 Basic principles, terminology, and methodology for the analysis and modeling of resource systems, including natural environments and human ecosystems. (2-0-3) Offered winter semester. Prerequisites: BIO 215 and MTH 122. 3 cr
NRM	330	Environmental Pollution		1 Investigation of causes and effects of water, soil and air pollution. Prevention and management of pollution will be discussed and examined from natural and social science perspectives. Design of impact assessment studies, data interpretation and laboratory methods. Topics may include waste disposal, acid deposition, climate change, toxicology, and risk assessment. (2-0-3) Offered winter semester. Prerequisite: CHM 109 or CHM 116. 3 cr
NRM	380	Ecological Restoration & Mgt	1	1 Temporary course - description not available.
NRM	395	GIS Applications in Resource		1 Explores applications of Geographic Information Systems (GIS) in natural resources management. Students will work on projects

		Management		and examine several case studies in which GIS is used for the management of natural resources, including watershed analysis, environmental impact of timber sales, habitat loss, and endangered species conservation. (2-0-3) Offered fall semester. Prerequisite: GPY 307 or NRM 250. 3 cr
NRM	407	Natural Resources and Society: Study Abroad	1	Natural resources topics related to biodiversity, sustainability, alternative energy, environmental policy and economics, land use, climate change, historical influences, and cultural/societal attitudes conducted within an international context. The society-based experience is combined with readings, lectures, papers, and discussions. 1-4 cr
NRM	420	Wildland Recreation Management	1	Learn about the challenges of managing wildland recreation that both meets the needs of users and preserves the ecological health of ecosystems. Learn techniques to manage dispersed recreation that occurs on public lands and waters and how to limit their impact on visitors and soil, vegetation, water, and wildlife. (3-0-0) Offered fall semester. 3 cr
NRM	451	Natural Resource Policy	1	Study of how natural resource policy is developed and implemented in the United States. Focuses on public policies toward renewable resources such as forests, biodiversity, land, recreation, and water. Includes foundations of the American legal system, choice of policy instruments, and basic methods of policy analysis. Part of the Sustainability Issue. (4-0-0) Offered fall and winter semesters. Prerequisites: Junior standing and completion of Natural Science Foundation; OR permission of instructor. 3 cr
NRM	452	Watershed and Wetland Management	1	Theory and application of wild land and urban hydrology, including the values of watersheds and wetlands as domestic ecosystems. (3-0-3) Offered fall semester. Prerequisites: GEO 111, MTH 122, and NRM 250. 4 cr
NRM	462	Forest Ecosystem Management	1	Traditional forestry practices will be introduced, with emphasis on how established practices can be integrated with the concepts of sustainable forestry and ecosystem management. The presentation, discussion, and synthesis of new approaches to the management of forest ecosystems will be especially stressed. (3-0-3) Offered winter semester. Prerequisite: NRM 250. 4
NRM	480	SWS NRM Issues in Southwest	1	Temporary course - description not available.
NRM	495	SWS Trends in NRM	1	A comprehensive and integrative analysis of the fundamental assumptions, issues, and problems of natural resources management. Examines the historical roots of natural resource management, identifies factors that caused natural resource management to change, and explores proposals for managing natural resources in the future. (0-4-0) Offered fall and winter semesters. Prerequisites: Completion of 20 credits in NRM, STA 215. 4 cr
OSH	414	Environmental Safety and Health Regulations	1	A study of laws addressing environmental pollution and hazardous waste management. (3-0-0) 3 cr
PA	380	Disaster Relief/Emerg Prepared	1	Temporary course - description not available.
PLS	103	Issues in World Politics	1	Analysis and discussion of contemporary issues in world politics as a vehicle for introducing core concepts in comparative politics, such as democracy, dictatorship, civil society, power, nationalism, political economy, social policy, identity politics, and development. Students will gain basic familiarity with the institutions, actors, and processes that influence world politics. Fulfills one of the Foundation - Social and Behavioral Sciences. Fulfills Cultures - World Perspectives. Offered every semester. 3 cr
PLS	105	Introduction to Human Rights	1	Introduction to the historical and conceptual development of human rights as moral, legal, and cultural constraints on the behavior of states in relation to their citizens. Analysis is theoretical, exploring philosophical arguments surrounding the historical development of human rights and their current role in legal, cultural, literary and political products. Fulfills Foundation - Philosophy and Literature. Offered fall and winter semesters. 3 cr
PLS	302	Women, Politics, and Public Policy	1	This course explores the ways that gender influences government and policy decisions. Students will explore many gendered issues and the relevant policy responses. Topics include domestic violence, reproductive policies, divorce and the family, marriage and the family, poverty, class, and compensation. Offered winter semester. Prerequisite: PLS 102 or Junior Standing. 3 cr
PLS	310	Politics and Health Policy	1	Explores contemporary issues in health policy and politics. Students will develop an understanding of the historical context, institutions, participants, and issues that structure health policy. Special emphasis on the politics of health care reform in the 1990s. Offered fall semester. Prerequisite: PLS 102 or junior standing. 3 cr
PLS	311	International Conflict and Conflict Resolution	1	Analysis of the causes of war and conditions for peace. Topics also include peacekeeping operations and the outcomes and ethics of war. Fulfills one of the Issues/Themes requirements. Offered fall and winter semesters. Prerequisite: PLS 211 or junior standing. 3 cr
PLS	316	Human Rights in International Politics	1	An analysis of human rights as an increasingly influential principle in international relations, and the friction between sovereignty and international standards of behavior. Topics covered within class may include the theoretical origins of human rights, international norms, international law, sovereignty, interventionism, particularly viewed through historical and contemporary human rights cases. Offered fall semester. Prerequisite: PLS 103 or PLS 211 or junior standing. 3 cr
PSY	355	Psychology and Culture	1	Exploration of the interaction between ecological and cultural variables and psychological processes. Topics include cultural influences on perception and cognition, personality, cognitive and social development, social relations, interpersonal and intergroup behavior, and psychopathology. Fulfills Cultures - World Perspectives. Offered fall and winter semesters. Prerequisite: PSY 101.
PSY	362	Environmental Psychology	1	Study of the relationships between the physical environment, natural and human-made, and the behavior of human beings. The

				course focuses on the perceptual, cognitive, and motivational aspects of the human-environmental interaction. Offered occasionally. 3 cr
SOC	205	Social Problems	1	Examines a range of social conditions, arrangements, and behaviors typically defined as problems in modern society. Applies sociological analysis to understand how problems arise from the organization of society, and the processes by which conditions become identified as social problems, and how ideology and power shape responses to social problems. Fulfills one of the Foundation - Social and Behavioral Sciences. Fulfills Cultures - U.S. Diversity. Offered every semester.
SOC	351	Urban Sociology	1	Explores urban theory (Chicago School, political economy, and cultural approaches); the evolution of cities; suburbanization, race relations, street life, sustainability (economic, social and environmental), redevelopment, urban politics, and international comparisons. Readings focus on theory, specific cities, and environmental concerns. Part of the Sustainability Issue. Offered fall semester. Prerequisites: SOC 201 and Junior standing. 3 cr
SOC	350	SWS Family & Gender Dev World	1	A comparative examination of the impact of development on families and gender roles in third world countries. Will include consideration of general issues (e.g., factors affecting family reproduction decisions, women in the formal and informal labor force, etc.) and in-depth study of gender and family in one or more countries. Cross-listed with WGS 350. Fulfills Cultures - World Perspectives. Fulfills one of the Issues/Themes requirements. Offered winter semester. Prerequisite: WRT 150 with a grade of C (not C-) or better. 3 cr
SOC	385	Social Class Inequality	1	Focus on the historical, socioeconomic, and political construction of class inequality in the United States from a critical perspective. Includes attention to cultural and global context. Fulfills one of the Issues/Themes requirements. Offered fall and winter semesters. Prerequisite: Junior standing. 3 cr
SW	150	Human Needs in Complex Societies	1	Common human needs are examined and a number of historical responses to these needs are placed in a societal context. Cultural forces which affect resource allocation patterns and service delivery systems are analyzed. Fulfills one of the Foundation - Social and Behavioral Sciences. Offered fall, winter, and spring/summer semesters. Note: SW 150 is a prerequisite for all social work courses. 3 cr
SW	340	Human Behavior and the Social Environment I	1	The course provides knowledge, values and skills employed in assessing groups, organizations, and communities. Emphasis is focused on the social systems perspective, social work values, and ethics and the issues related to the diversity of context. The course presents theories and knowledge necessary to practice in macro-settings (groups, organizations, communities and society). Offered fall semester. Corequisites: SW 317 and SW 319.
SW	341	Human Behavior and the Social Environment II	1	This course provides biological, psychological and social knowledge about human growth and development within life cycle stages. Emphasis is on the development of and individual within a family or small group as experienced within larger social systems. The assessment process within each developmental stage is related to the work of a generalist practitioner. Offered winter semester. Prerequisites: SW 340; Corequisites: SW 316, SW 318, and SW 348. 3 cr
SW	351	Cross Cultural Service Learning	1	The focus of this course is on the unique culture(s) within the United States and taught using a service-learning approach. Students explore the themes of social welfare development. Students explore the themes of social services, politics, policies and the history of the assigned culture. The course includes a two or three-week experiential learning component in a specific location in the United States. The advanced practice social worker will recognize the interconnectedness between social work, social justice, and civic/global responsibility. Offered spring/summer semester. Prerequisite: Accepted into the BSW program. 3 cr
SW	354	Social Work: International Service	1	The focus of this course is on international social work policy and practice. Students interact with various communities using a service-learning approach. The students explore the themes of social services, politics, policies and the history of the assigned culture. The course includes a two or three-week experiential learning component in an international location. The advanced practice social worker will recognize the interconnectedness between social work, social justice, and civic/global responsibility. Offered spring/summer semester. Prerequisite: Permission of instructor. 3 cr
SW	300	Pluralism in American Society	1	Pluralism in American society is explored through analysis of cross cultural practices and values, with an emphasis on the commonalities and differences for individuals, groups, organizations, and communities. The social welfare response in the context of US diversity will be a primary focus. Fulfills one of the Issues/Themes requirements. Offered fall and winter semesters. 3 cr
WGS	335	Women, Health & Environment	1	This course is an overview of contemporary women's health issues focusing on the interconnectedness between health and the environment. Topics include reproductive issues, pesticides, sustainable development, occupational hazards, health insurance, and breast cancer. Discussions and readings will focus on the impact of race, class, and sexuality on women's health. Part of the Sustainability Issue. Offered fall semester in even-numbered years. Prerequisite: Junior Standing. 3 cr