

## Sustainability Course Inventory Key

**STARS Definitions:**

**Sustainability Course**

Sustainability courses are courses in which the primary and explicit focus is on sustainability or on understanding or solving one or more major sustainability challenges (e.g. the course contributes toward achieving principles outlined in the Earth Charter). For a complete definition, visit the STARS 2.1 Technical Manual for Credit AC-1:

<https://stars.aashe.org/pages/about/technical-manual.html>

**Includes Sustainability**

A course that is primarily focused on a topic other than sustainability, but incorporates sustainability activities or issues throughout the course. For a complete definition, visit the STARS 2.1 Technical Manual for Credit AC-1:

<https://stars.aashe.org/pages/about/technical-manual.html>

### Undergraduate Course Inventory Results

	Total Courses Offered	Sustainability Courses	Courses that Include Sustainability
Summer 2013	755	45	59
Fall 2013	5468	285	411
Spring 2014	5351	389	465
<b>TOTALS</b>	<b>11574</b>	<b>719</b>	<b>935</b>
<b>PERCENTAGE TOTALS</b>	<b>100%</b>	<b>6.2%</b>	<b>8.1%</b>

### Graduate Course Inventory Results

	Total Courses Offered	Sustainability Courses	Courses that Include Sustainability
Summer 2013	69	9	4
Fall 2013	519	36	25
Spring 2014	562	54	38
<b>TOTALS</b>	<b>1150</b>	<b>99</b>	<b>67</b>
<b>PERCENTAGE TOTALS</b>	<b>100%</b>	<b>8.6%</b>	<b>5.8%</b>



Summer 2013 - College Station  
Undergraduate Courses

KEY	
Total Courses Offered	755
Sustainability Courses	45
Courses that Include Sustainability	59

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
EN	HLTH	429	1	Environmental Health	Health aspects of environments; health problems related to water, air and noise pollution; pesticides; population and radiation; examination of various micro-environments which either promote or hinder human health and well-being and their implications for community planning and utilization of human resources.
EN, SO, EC	RENR	375	1	Conservation of Natural Resources	Principles and philosophies associated with the development, management and use of natural resources; ecological and social implications inherent in management alternatives involving the natural environment and use of renewable natural resources.
EN	SCSC	423	1	Natural Resources and Agricultural Sustainability in UK	Environmental impacts and sustainability of United Kingdom and U.S. agriculture compared; soil, water, crop, and environmental management; conservation of watersheds; production of hydropower; sustainable use of water resources; cultural immersion.
EN	BESC	403	1	Sampling and Environmental Monitoring	Introduction to environmental sampling and methodology; strategies and analyses of sampling data; overview of current applications of sampling and monitoring in the environmental sciences; emphasis on practical aspects of sampling from air, soil and water; detection and quantification of microbial and chemical unknowns in environmental media.
EC, SO	EHRD	408	1	Globalization and Diversity in the Workplace	Assist learners in the identification and understanding of globalization and diversity issues in learning, work and community; exploration of current issues, theories, trends and policy issues.
EN, SO, EC	RPTS	426	1	Tourism Impacts	Consequences and impacts of various kinds of tourism development for host communities and regions; read and evaluate case studies from Texas, other areas in the United States and internationally; economic, environmental, social, cultural and political impacts associated with tourism proposals, project development, tourist activity, industry expansion and industry decline.
EN, EC	AGSM	337	1	Technology for Environmental and Natural Resource Engineering	For the nonengineering student in the environmental and management sciences; concentrates on the application of technology for solving local environmental problems while considering global issues; reduction of water, air and hazardous waste pollutants; legislative issues and modeling.
EN, SO, EC	GEOG	202	2	Geography of the Global Village	Survey of world regions; globalization; environmental problems at multiple scales; human-environment interactions; cultural coherence and diversity; population and settlement; geopolitics; social and economic development; place identification.
EN	WFSC	450	1	Caribbean Conservation	Provide experience in and appreciation for diverse tropical habitats and the problems associated with conserving these habitats; design and conduct individual research projects on topics of their choice with approval from the instructors on project design and feasibility.
EC, SO	SOCI	317	2	Racial and Ethnic Relations	Status of racial and ethnic groups such as Native Americans, African Americans, Latino Americans, Asian Americans, European Americans, and other groups in the political, economic, legal and social systems of the United States.
EC, SO	HLTH	236	3	Race, Ethnicity and Health	Explore in-depth the racial, ethnic, and cultural dimensions that underlie health and health disparities; emphasis on culture, social economic status and governmental policies as they influence the adaptation of health practices.
SO, EN	NUTR	430	1	Community Nutrition	Health and nutrition programs, food labeling, cultural food practices, consumer education and marketing.
SO	ANTH	205	1	Peoples and Cultures of the World	Survey of human cultures around the world using case studies of customs and cultural organization; case studies exemplifying contrasting types of cultures and societies.
EN, SO, EC	URPN	301	1	Introduction to Urban Planning	Discuss multi-dimensions and multi-disciplines of Urban & Regional Planning, present theoretical and practical Urban & Regional Planning issues, explore variety of planning methods and strategies, and critique ethical and economic implications of Urban & Regional Planning domains and outcomes.
SO	POLS	320	1	Race and Politics in the United States	The politics of race in the United States: contrast of the political experiences of racial groups with the ideals and realities of democratic political systems.
EN, SO, EC	RPTS	340	1	Recreation, Parks, Tourism and Diverse Populations	Review of major judicial decisions and civil rights laws on provision and distribution of leisure services in society; influence of age, disability, ethnicity, national origin, race, religion and gender on individual's preferences for particular experiences; implications of individual differences for the provision of services.
EN	CVEN	339	1	Water Resources Engineering	Quantitative hydrology, precipitation, hydrograph analysis, reservoir and stream routing; groundwater, Darcy equation, well equation, well design; probability concepts in design; water law; dams; reservoirs; spillways; open channel and pipe network hydraulics; pumps; urban stormwater drainage; flood damage mitigation.
EC, SO	TEFB	273	1	Introduction to Culture, Community, Society and Schools	Field-based course that introduces the culture of schooling and classrooms for analysis within the lens of language, gender, racial, socio-economic, ethnic and academic diversity; the family as a partner in education and educational equality discussed.
EC, SO	URPN	461	1	Urban Issues	The world is becoming increasingly urban. In the United States 3 out of 4 people live in urban areas, and in the rest of the world numbers are increasing. How did cities emerge? What makes cities grow? How cities work? Are they sustainable? These are introductory themes that we expect to answer in this class: the evolution and development of cities; the socio-economic, cultural and physical development of urban areas; and their contemporary problems such as, unemployment and poverty, crime, public health, racial tension, and other quality of life issues.
SO	INST	322	1	Foundations of Education in a Multicultural Society	Historical, philosophical and cultural foundations of education emphasizing education for a multicultural society.

21	SO	COMM	335	1	Intercultural Communication	Communication variables in intercultural contexts including culture and meaning, nonverbal styles across cultures, patterns of symbolic transfer, culture shock and communication, values in intercultural dialogue.
22	SO, EC	SOCI	314	1	Social Problems	Survey and exploration of causes and consequences of major social problems in American society such as poverty, unemployment, energy, alcohol, other drugs and sexual abuse.
23	EN, SO, EC	RPTS	423	1	Tourism Management	Management issues and tools related to the travel and tourism industry; history, planning, operations, leading, directing and controlling tourism businesses; complexity and scope of tourism systems; issues related to ethics and sustainability; managing tourism in different environments; roles of technology and information technology; future of tourism.
24	EN, SO, EC	ENDS	101	1	Design Process	Fundamental design processes, issues and theories relevant to design resolution and the creation of new ideas; creative thought processes from the formation of ideas through incubation to final product and future impact on the physical environment and society.
25	EN, SO	ENTO	322	1	Insects and Human Society	Emphasis on the role insects have played in the development of human cultures; aspects include health, food production and storage, art, music and architecture; overview of historic, present day, and future roles insects will have on environmental movements (green societies), and in underdeveloped, developing and developed societies.
26	SO	HLTH	410	1	Exercise and Health Programs in the Workplace	Careful examination of strategies to design, implement and evaluate exercise and health programs in worksites; including health risk assessment, marketing protocol, needs assessment, corporate culture issues, policy development and cost-benefit analysis.
27	SO, EC	ECON	330	1	Economic Development	A study of the less developed world; economic problems and solutions.
28	EN	AGCJ	380	1	Workshop in Agricultural Communication & Journalism	The study, understanding and solution of human-agricultural problems based on theory learned in the classroom, library, laboratory and fieldwork completed by individuals and teams.
29	SO	COMM	471	1	Media, Health and Medicine	Analysis and evaluation of representations of health in media; examination of gender, class and race as they intersect with health issues.
30	SO, EC	EPFB	210	1	Family Involvement and Empowerment	Field-based course that provides information and skills necessary to work with diverse families; addresses need for positive school-family collaboration and characteristics of families throughout the life cycle, the collaboration of educators with families through the special education process, and the provision of family services through community agencies.
31	EC, SO	SOCI	207	2	Introduction to Gender and Society	Similarities and differences between females and males in a number of cultures throughout the world; sociological analysis of gender in relation to social structure.
32	EN, SO, EC	OCNG	251	1	Oceanography	Overview of the ocean environment; interrelation of the subdisciplines of ocean sciences; importance of the oceans to human beings; human impact on the oceans.
33	SO	LING	403	1	Language and Gender	Language and gender from a sociolinguistic perspective; gender in the words and structures of language; gender representation and gendered language use in the media, and a variety of sociocultural contexts; language use in intimate relationships; computer-mediated discourse; language, sexuality, and sexual orientation.
34	SO	PSYC	300	1	Psychology of Women	Theoretical and research literature relevant to psychological assumptions about the female personality. How these assumptions are being questioned or verified by recent experimental studies.
35	EN, SO, EC	ENDS	106	1	Design Foundations II	Approaches to problem identification and problem solving emphasizing an awareness of human, physical and cultural factors influencing design; reinforcement of visual and verbal communication as applied to the design process.
36	SO	RDNG	371	1	Multicultural and Interdisciplinary Literature for Middle Grades	Focuses on multicultural and interdisciplinary literature appropriate for middle grades students; implements and evaluates effective multicultural, interdisciplinary instruction through selection, use and development of literature in middle grades classroom.
37	SO	INST	462	1	Language Acquisition & Development	Understanding of how to adapt instructional methodologies to support culturally and linguistically diverse students in the classroom. Knowledge of the foundations of ESL education and factors that contribute to an effective multicultural and multilingual environment. Knowledge of how to serve as an advocate for ESL students and facilitate family and community involvement in their education.
38	SO	PSYC	484	1	Field Experiences	Participation in an approved mental health, mental retardation, school, industrial or other approved setting; field experiences supervised by an appropriate professor within an area of student interest; course requirements vary with the setting, the supervising professor and the needs of the individual student. May be repeated for credit.
39	EN	GEOS	405	1	Field Trips	Supervised field trip to investigate the physical, economic and cultural processes that influence the spatial development and distribution on the landscape. May be repeated for credit.
40	SO, EC	LBAR	332	2	Studies in European Civilization and Culture II	European civilization and culture as seen especially through political, social and economic developments. To be taught only at an overseas site.
1	SO	RPTS	202	1	Foundations of Recreation, Parks and Tourism	Analysis of the elements comprising a community, community assessment techniques and community development processes engaged by stakeholders and residents to improve living conditions; definitions and principles associated with community development.
2	EN, SO	HLTH	231	2	Healthy Lifestyles	Healthy Lifestyles. Health issues relevant to students; included are mental health, use and abuse of drugs, human sexuality, communicable diseases, environmental and consumer health.
3	EN, SO, EC	RPTS	201	2	Foundations of Recreation, Parks and Tourism	Analysis of the elements comprising a community, community assessment techniques and community development processes engaged by stakeholders and residents to improve living conditions; definitions and principles associated with community development.
4	EN	OCNG	252	6	Oceanography Laboratory	Hands-on laboratory experiments and exercises demonstrating principles of ocean sciences; emphasis on the unique interdisciplinary nature of the ocean and current ocean issues relevant to today's society. Honors sections and contracts are also available.
5	EN	BAEN	465	1	Design of Biological Waste Treatment Systems	Management and treatment of high organic content wastes streams, with emphasis on agricultural, municipal, and agro-industry wastewater; engineering design of biological waste treatment processes; resource recovery from waste streams; recycle and reuse of finished effluents.
6	EN	RENr	405	4	GIS for Environmental Problem Solving	Interdisciplinary approach to train students to integrate GIS and relevant technologies for environmental problem solving; helps students relate learning to real world situations; students conceptualize, develop and manage projects using real data; one term project required.
7	EN	ATMO	201	1	Weather and Climate	Structure, energy, and motions of the atmosphere; climate; fronts and cyclones; atmospheric stability; clouds and precipitation; severe storms.
8	SO	COMM	420	1	Gender and Communication	Survey of the role of gender in communication processes; focus on communication differences between men and women in contexts such as the family, school and work organizations; discussion of media influence in gender stereotypes.
9	EN	AGCJ	308	1	Agricultural Photography	Develop knowledge of photography, editing software, and composition techniques used in the agricultural communications field; develop photography and photo editing skills to a satisfactory level as demonstrated by performance on assignments and exams.

10	SO	SPMT	336	1	Diversity in Sport Organizations	Examine an encompassing perspective of diversity within North American and international sport organizations.
11	SO	EHRD	303	1	Foundations of Human Resource Development	Overview of the discipline and field of human resource development; focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, systems theory, organizational culture, learning and change.
12	EN	BIOL	214	1	Genes, Ecology and Evolution	A genetically-based introduction to the study of ecology and evolution; emphasis on the interactions of organisms with each other and with their environment.
13	EN, SO, EC	RPTS	301	1	Leisure and Outdoor Recreation in American Culture	Introduction to the fundamental concepts of leisure and outdoor recreation and how they influence us as individuals, groups and society; critical factors such as self, family, lifespan, ecology, health, work patterns, communications, diversity, popular culture, and consumption are studied in relationship to past, present and future leisure patterns.
14	EC, SO	POLS	306	3	Contemporary Political Problems and Issues	Major contemporary political problems and issues with primary emphasis on the U.S. Each term one to three problems or issues will be examined in some depth. Students may register in up to but no more than two different sections of this course. May be repeated for credit.
15	SO	COMM	415	1	New Media and Civil Society	Critical analysis of new media technologies, civic participation, and social capital in democratic, non-democratic, and nascent civil societies around the world.
16	EN, SO	SOCI	430	1	Contemporary Sociological Theory	Basic ideas of contemporary sociological theory: structuralism, functionalism, conflict, symbolic interaction, exchange and their application to current research.
17	SO, EC	SOCI	230	1	Classical Sociological Theory	Role of theory in sociological study; the development of classical theoretical perspectives providing the foundation for contemporary theory.
18		SOCI	211	1	Sociology of Deviance	Perspectives on non-normative behavior; theories of deviance.
19	EN, SO, EC	CVEN	403	1	Applied Civil Engineering Surveying	Application of land surveying principles; topographic surveying, boundary surveying, and construction staking through field exercises using state-of-the-art equipment and data capture/analysis techniques; preparation of topographic and boundary maps with related documents; presentation of results.
20	EN, SO	MEEN	402	1	Intermediate Design	Product detail design and development process including case studies; project management, marketing considerations, manufacturing, detailed design specifications; failure modes, application of codes and standards, selection of design margins; product (component) development guidelines; intellectual property, product liability, sustainability, and ethical responsibility.
21	EN	ALED	439	1	Leading Change	Analysis of change models and theories and the leadership application on individual, organizational and societal changes.
22	SO, EC	MKTG	401	1	Global Marketing	Survey of the aspects involved in marketing goods and services in a global marketplace; social, political, legal, and economic issues associated with conducting business globally.
23	SO	EHRD	481	1	Capstone Seminar in Human Resource Development and Technology Management	Capstone seminar on significant issues in industry; transition from an academic environment to professional business environment; preparation of an individual professional portfolio; steps in searching and securing an internship position.
24	SO	GERM	322	1	German Culture and Civilization II	German culture and civilization from 1830 to the present; conducted in German.
25	SO	COMM	203	4	Public Speaking	Public Speaking. Training in speeches of social and technical interest designed to teach students to develop and illustrate ideas and information and to inform, stimulate, and persuade their audiences. Environmental and social justice topics are covered.
26	EN	COSC	325	1	Mechanical, Electrical and Plumbing Systems in Construction I	Design, operation, materials and installation methods of mechanical, electrical and plumbing systems in construction.
27	SO	MGMT	309	1	Survey of Management	Survey for non-business majors of the basic functions and responsibilities of managers; includes the environmental context of management, planning and decision making, organization structure and design, leading and managing people, and the controlling process; issues of globalization, ethics, quality and diversity integrated throughout the course. May not be used to satisfy degree requirements for majors in business.
28	EN	CHEN	464	1	Kinetics and Reactor Design	Introduction to kinetics of reactions and application of fundamental principles to design and operation of commercial reactors.
29	SO	EPSY	321	1	Adolescent Development	Characteristics of adolescent growth and development emphasizing behavior within secondary school setting; influences of prior development; home, family and community; peer group, as these affect school adjustment and success.
30	SO	EPSY	320	1	Child Development	Growth and development of the normal child from infancy to adolescence; implications of children's cognitive, language and psychosocial development for success in academic and social interactions.
31	SO	EPSY	484	1	Field Experiences	University-supervised experience in a professional employment setting related to specializations in guidance and special education. May be repeated to 6 hours total.
32	EN, SO, EC	AGEC	402	1	Survey of International Agricultural Economics: Study Abroad	Examine, from an international setting, the shape of international agriculture; how culture, history, politics and geography in foreign countries affect the production and management of agricultural products; agricultural policy formation; countries' natural resources and competitive strategies.
33	EN, SO	PHIL	111	2	Contemporary Moral Issues	Representative ethical positions and their application to contemporary social problems.
34	EN	COSC	442	1	Commercial Capstone	A senior capstone course for students preparing to enter the commercial construction sector; project management of commercial construction projects, including: aspects of design, bidding/estimating. Presentation, value engineering, contracts/negotiation, subcontractor relations, cost controls, management during construction, close out, and post-construction requirements.
35	EN	COSC	326	1	Mechanical, Electrical and Plumbing Systems in Construction II	In depth coverage of mechanical, electrical and plumbing (MEP) system operations, materials and installation methods; development of MEP drawings, specifications and contract documents as used in MEP specialty contracting industry.
36	EN	URPN	220	1	Digital Communication I	Applications of computer graphics, rendering, and visualization software in urban design, landscape architecture, and environmental analysis; introduction to basic concepts and principles of graphic composition; rendering, visualization, and linkages to landscape-referenced data.
37	SO	HLTH	342	2	Human Sexuality	Many aspects of human sexuality; physiology and function of human reproductive system, factors involved in learning sex roles, biological and emotional motivations associated with the sexual aspects of life and their relationship to marriage and family planning.
38	EN, SO	ALED	344	1	Leadership of Volunteers	Principles, theories, concepts, techniques and applications for leading volunteers in agriculture and life sciences nonprofit, governmental and community organizations.
39	SO	POLS	353	1	Constitutional Rights and Liberties	Legal issues, controversies and significant developments in constitutional rights and liberties, and the impact of these developments upon American politics, culture and social institutions.
40	SO	ECEN	404	1	Electrical Design Laboratory II	Continuation of ECEN 403; application of the design process and project engineering as practiced in industry; team approach to the design process; completion of project based on proposal from ECEN 403; includes testing, evaluation and report writing.
41	SO	INST	310	1	Understanding Special Populations	Referral, assessment and categorization of special populations including physical, cognitive and affective characteristics; cultural, ethnic, economic and linguistic differences; giftedness; special education and compensatory programs; awareness of legislative history that results in rights for special populations.
42	SO	INST	310	1	Understanding Special Populations	Referral, assessment and categorization of special populations including physical, cognitive and affective characteristics; cultural, ethnic, economic and linguistic differences; giftedness; special education and compensatory programs; awareness of legislative history that results in rights for special populations.



## Summer 2013 - College Station Graduate Courses

KEY	
Total Courses Offered	69
Sustainability Courses	9
Courses that Include Sustainability	4

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
1	EN	SCSC 623	1	Natural Resources and Agricultural Sustainability in UK	Environmental impacts and sustainability of United Kingdom and U.S. agriculture compared; soil, water, crop, and environmental management; conservation of watersheds; production of hydropower; sustainable use of water resources; cultural immersion.
2	EN, SO, EC	PLAN 612	1	Transportation in City Planning	Influence of transportation in shaping urban form; relationships between land use and transportation; conceptual layout of street systems; trends in urban development, site development, circulation and relationships to the street system; guidelines for the redevelopment of existing streets and the adjacent land.
3	EN	ESSM 611	4	Grazing Management and Range Nutrition	Nutritional ecology of domestic and wild herbivores on rangelands; vegetation and animal response to various grazing management practices; diet selection, quality, intake and supplementation of herbivores.
4	EC, SO	EDCI 602	2	Cultural Foundations of Education	Contributions of behavioral sciences applied as analytic tools in solving problems of curriculum and instruction.
5	EN, SO, EC	ALEC 631	1	Development and Planning of Community Education Programs	Focuses on the principles, theories, techniques, and applications for developing and planning educational program in a community setting; program development strategies, focusing educational programming in relation to issues identified citizens will be developed and enhanced in this course.
1	EN, SO	ARCH 603	1	Design Fundamentals III	Theory and practice of architecture; methods and techniques used in the analysis and synthesis of concepts unique to spatial enclosure; developing responses to building systems; objects in a current cultural, physical or social context; complex building programs, site development and design solutions integrating formally expressive visual ideas and functional planning.
2		PLPA 623	1	Diseases of Field Crops	Fundamental and practical aspects of more important and representative diseases of field crops; plant disease problems peculiar to extensive cultivation methods.
3	SO, EC	MKTG 677	1	Multinational Marketing Management	Theoretical and empirical materials on multinational marketing; nature and justification of international trade, analysis of environments faced by multinational firms and formulation of multinational marketing strategy. Classification 6 students may not enroll in this course.
4	EN	PLAN 689	1	Special Topics	Selected topics in an identified area of urban and regional planning.

Fall 2013 - College Station  
Undergraduate Courses

KEY	
Total Courses Offered	5468
Sustainability Courses	285
Courses that Include Sustainability	411

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
EN, SO	CVEN	301	2	Environmental Engineering	Water quality; material balances; chemical, physical and biological processes; water quality modeling; water and wastewater treatment; air quality; solid and hazardous waste management.
EN, EC, SO	RENR	460	1	Nature, Values, & Protected Lands	Writing-intensive discussion of the ways in which protected areas reflect human values about nature; identify stakeholders in and around protected areas, exploring how interests either conflict or coincide; evaluate social, economic, cultural, and ecological trade-offs of different approaches to conservation.
EN, SO	ESSM	420	2	Ecological Restoration of Wetland & Riparian Systems	How wetland and riparian areas link terrestrial and aquatic systems and function hydrologically and ecologically within watersheds; integrated approaches for restoration of degraded wetland and riparian systems; improving water resources through vegetation management with a special interest in rangelands.
EN, SO	HLTH	429	4	Environmental Health	Health aspects of environments; health problems related to water, air and noise pollution; pesticides; population and radiation; examination of various micro-environments which either promote or hinder human health and well-being and their implications for community planning and utilization of human resources.
EN, EC	BAEN	414	1	Renewable Energy Conversions	Energy/power systems through engineering and technical aspects of quantifying and designing the suitability of several types of renewable energy resources; new insights of vast resources that future engineers can harness to augment diminishing supplies of nonrenewable energy.
EN, SO	PHIL	314	1	Environmental Ethics	Moral basis of duties to preserve or protect plants, animals and environmental systems; foundations of environmental law and policy; the idea of nature in philosophy; critique of social and economic analyses of environmental values.
EN, EC	ARCH	421	1	Energy & Sustainable Architecture	Understanding the various design decisions impacting sustainability and energy efficiency; includes participation in an "academic" LEED-NC rating project; interdisciplinary team approach with a design studio architect to perform the LEED-NC rating on the architect's building; application of reference material, standards, and USGBC material.
EN, SO, EC	GEOG	309	1	Geography of Energy	Development of high-energy society; renewable and nonrenewable energy resources; physical and social economies of energy use; geography of energy; energy problems and decisions; dependence of other resources on energy; alternative energy future
EN, SO, EC	GEOG	380	1	Workshop in Environmental Studies	The study, understanding and solution of human environment problems based on principles learned in the classroom; library, laboratory and field work carried out by individuals and in groups; reports on work accomplished.
EN, SO, EC	GEOG	330	1	Resources & the Environment	Changing demand for land and sea resources; international conditions of population growth, resource depletion and geopolitical control; resource perceptions and decision-making.
EN, SO	ESSM	318	1	Coupled Social & Ecological Systems	Resilience-based stewardship of social-ecological systems; ecological concepts of resilience, sustainability, ecosystem services, and vulnerability; investigation of linkages among social and ecological system components; contribution to sustainability and provisioning of ecosystem services; evaluation of multiple knowledge sources as the basis for adaptive ecosystem management.
EN, SO, EC	RENR	375	3	Conservation of Natural Resources	Principles and philosophies associated with the development, management and use of natural resources; ecological and social implications inherent in management alternatives involving the natural environment and use of renewable natural resources.
EN, SO	GEOS	410	1	Global Change	The interaction of the earth, atmosphere, oceans, cryosphere and life, including the impact of human society on the environment and climate; global change modeling; politics, policy and decision making; and personal awareness.
EN	ESSM	102	2	Intorduction to Natural Resources & Ecosystem Management	Introduction to natural resources and ecosystem system approach to wildland management; survey of the field of natural resources and related industries.

15	EN, SO	HIST	359	1	American Environmental History	History of American attitudes toward nature: use of land, water, timber, oil, coal, wildlife and other natural resources in the United States; conservation movement and significant conflicts over resources; changing perception of the physical environment.
16	EC, SO	ECON	318	1	The Economics of Gender & Race	Theories and evidence on gender and race differences in labor market outcomes; labor supply and the role of family formation; the effect of human capital and discrimination on earnings; analysis of government policies; international comparisons.
17	EN, SO	CVEN	406	1	Environmental Protection & Public Health	Communicable and noncommunicable diseases; environmental risk assessment; environmental assessments; comprehensive environmental planning; small water and wastewater systems; solid waste management; hazardous spills and waste management; vector control; environmental administration
18	EN	GEOS	210	3	Climate Change	Examination of the science of climate change; how greenhouse gases warm the planet; scientific evidence that the earth is warming; scientific evidence that humans are causing this warming; what warming we can expect in the future and impacts of that warming.
19	EN, EC, SO	NUTR	430	1	Community Nutrition	Health and nutrition programs, food labeling, cultural food practices, consumer education and marketing.
20	EN, EC, SO	GEOG	202	3	Geography of the Global Village	Geography of the Global Village. Survey of world regions; globalization; environmental problems at multiple scales; human-environment interactions; cultural coherence and diversity; population and settlement; geopolitics; social and economic development; place identification
21	EC, SO	SOCI	317	3	Racial & Ethnic Relations	Status of racial and ethnic groups such as Native Americans, African Americans, Latino Americans, Asian Americans, European Americans, and other groups in the political, economic, legal and social systems of the United States.
22	EN, EC	WFSC	304	2	Wildlife & Fisheries Conservation	Ecological principles used to conserve and manage wildlife and fisheries resources at the individual, population and community levels; topics include conservation biology, species interactions, animal-habitat relationships, population dynamics and harvesting, habitat management and restoration and human dimensions of fish and wildlife conservation.
23	EC, SO	EHRD	408	2	Globalization & Diversity in the Workplace	Assist learners in the identification and understanding of globalization and diversity issues in learning, work and community; exploration of current issues, theories, trends and policy issues.
24	EN	MEEN	477	1	Air Pollution Engineering	Design of air pollution abatement equipment and systems to include cyclones, bag filters, and scrubbers; air pollution regulations; permitting; dispersion modeling; National Ambient Air Quality Standards.
25	SO	INST	322	7	Foundations of Education in a Multicultural Society	Historical, philosophical and cultural foundations of education emphasizing education for a multicultural society.
26	EN, SO	GEOG	311	1	Cultural Geography	Human factors which affect man-land relationship; concept of culture, culture areas; population growth and migrations, types of economic activity, urban and transportation geography.
27	EN, SO	URPN	371	1	Environmental Health Planning & Policy	Philosophical and historical relationships of human-environment-disease; environmental health domains and associated planning and policy organizations and initiative for monitoring, intervention, and prevention; interdisciplinary approaches for risk analysis of environmental health.
28	EN, SO, EC	GEOG	467	1	Dynamic Modeling of Earth & Environmental Systems	Dynamical systems modeling; key concepts and processes in earth and environmental systems; human impact on these systems; model building and testing; system behavior over time; model validation and sensitivity; examples from the applications in earth and environmental sciences.
29	EN, SO, EC	GEOG	201	2	Introduction to Human Geography	A survey of the major systems of man-land relations of the world and their dissimilar developments; the processes of innovation, diffusion, and adaptation stressed with regard to changing relationships between people and their environment.
30	EN, SO	ESSM	309	2	Forest Ecology	Life history and general characteristics of trees; structure and function of forest ecosystems; fundamental principles of forest tree physiology and ecology applied to an analysis of tree growth in relation to environmental factors and present day forest management; global changes and forests.
31	EN	BESC	403	1	Sampling & Environmental Monitoring	Introduction to environmental sampling and methodology; strategies and analyses of sampling data; overview of current applications of sampling and monitoring in the environmental sciences; emphasis on practical aspects of sampling from air, soil and water; detection and quantification of microbial and chemical unknowns in environmental media.
32	SO	HLTH	331	2	Community Health	Aspects of the community that relate to health; identification and analysis of community health programs; organizational pattern and functions of voluntary and governmental health agencies; organizing the community for health action; and coordination of school and community health programs.
33	EN	BESC	367	2	U.S. Environmental Regulations	Investigation of the legal infrastructure of the U.S. associated with regulating environmental impacts; examination of major U.S. environmental statutes associated with air and water quality, toxic substances, waste and hazardous substance release, energy and natural resources; review the relationship between U.S. policy and international environmental regulations.
34	EN, SO	GEOS	105	1	Introduction to Environmental Geoscience	Key concepts and generalizations of global environmental issues within an Earth systems science framework including climate change, air pollution, land and coastal degradation, water resources and pollution, and habitat loss; environmental ethics, economics and politics; environmental issues in Texas.
35	EN	ATMO	363	1	Introduction to Atmospheric Chemistry & Air Pollution	Descriptive introduction of the composition and chemistry of natural and pollutant compounds in the atmosphere; transport, cycling and reactivity of atmospheric material; atmospheric measurements, data processing, air quality and human health issues; air pollution trends and climate change.

36	SO	ANTH	205	16	People & Cultures of the World	Survey of human cultures around the world using case studies of customs and cultural organization; case studies exemplifying contrasting types of cultures and societies.
37	EN	AGSM	337	1	Technology for Environmental & Natural Resource Engineering	For the nonengineering student in the environmental and management sciences; concentrates on the application of technology for solving local environmental problems while considering global issues; reduction of water, air and hazardous waste pollutants; legislative issues and modeling.
38	SO	INTS	407	1	Diversity in a Globalized World	Examination of the cultural constructs that arise through the encounters with colonialism from the conquest of the Americas to the present; cultural studies and literary analysis to identify and interrogate the common principles of human interaction in the face of cultural diversity.
39	SO	RPTS	408	1	Community Development & Supporting Institutions	Scope, function and mission of domestic and international organizations that support community development efforts.
40	SO, EC	PHIL	353	1	Radical Black Philosophies of Race & Racism	Critical evaluation of white supremacy, colonialism, and the modern construction of race; examination of the historical background for contemporary theories of race.
41	EN, SO, EC	RPTS	426	1	Tourism Impacts	Consequences and impacts of various kinds of tourism development for host communities and regions; read and evaluate case studies from Texas, other areas in the United States and internationally; economic, environmental, social, cultural and political impacts associated with tourism proposals, project development, tourist activity, industry expansion and industry decline.
42	EN	SCSC	422	3	Soil Fertility & Plant Nutrient Management	Chemical and biological reactions in soils that influence nutrient availability to plants; environmental aspects associated with nutrient availability and fertilization, especially for nitrogen (N) and phosphorus (P).
43	SO	ALED	222	1	Practicing Diverse Leadership & Cultural Exploration	Social theories and historical perspectives of leadership, particularly in terms of class, gender, race, ethnicity, and nationality; multidisciplinary approach to the study of leadership with a special emphasis on culture completed through readings, class lectures, films, group projects and discussions.
44	EN, EC, SO	URPN	301	3	Introduction to Urban Planning	Discuss multi-dimensions and multi-disciplines of Urban & Regional Planning, present theoretical and practical Urban & Regional Planning issues, explore variety of planning methods and strategies, and critique ethical and economic implications of Urban & Regional Planning domains and outcomes.
45	EN	POSC	427	3	Animal Waste Management	An applied approach to current and emerging issues relating to responsible management of animal waste; the role of biological aspects of production management decisions evaluated in an examination of regulatory and environmental requirements; current case studies and exposure to field situations.
46	EN	ENGL	302	1	Environmental Literature	Texts from various periods and locations and in various genres and media that focus on the relationship of human beings to the rest of the natural world; topics vary from each section.
47	EN, SO	PHIL	482	1	Ethics & Engineering	Development of techniques of moral analysis and their application to ethical problems encountered by engineers, such as professional employee rights and whistle blowing; environmental issues; ethical aspects of safety, risk and liability and conflicts of interest; emphasis on developing the capacity for independent ethical analysis of real and hypothetical cases.
48	EN, SO	HLTH	231	2	Healthy Lifestyles	Health issues relevant to students; included are mental health, use and abuse of drugs, human sexuality, communicable diseases, environmental and consumer health.
49	SO	AFST	323	1	Sociology of African Americans	Major elements of the Afro-American subculture in relation to white American society and its major social institutions.
50	EN	ENTO	401	1	Principles of Integrated Pest Management	Integrated pest management (IPM) concepts, principles, development and application; IPM constitutes a series of pest control tactics and strategies toward more sustainable agriculture, natural resources, and urban and rural health and well-being.
51	EC, SO	SOCI	463	1	Gender in Asia	Gender dynamics in Asia; changes in gender roles; women's movements; women and the economy; women and politics; men's and women's private lives.
52	EC, SO	WGST	463	1	Gender in Asia	Gender dynamics in Asia; changes in gender roles; women's movements; women and the economy; women and politics; men's and women's private lives.
53	EN, EC, SO	RPTS	403	1	Financing & Marketing Recreation, Park & Tourism Resources	Public sources of funding for facility development and of approaches to marketing recreation, park, and tourism services; applying knowledge to case study situations.
54	EN, EC, SO	ESSM	406	6	Natural Resources Policy	Natural resources and forest policy development in the United States and review of current issues in forest and related natural resource policy.
55	EC, SO	TEFB	273	4	Introduction to Culture, Community, Society & Schools	Field-based course that introduces the culture of schooling and classrooms for analysis within the lens of language, gender, racial, socio-economic, ethnic and academic diversity; the family as a partner in education and educational equality discussed.
56	EN	SCSC	405	4	Soil & Water Microbiology	Roles of soil and water microorganisms in the sustainability and productivity of various ecosystems with specific emphasis on plant-microbial interactions, nutrient cycling, degradation of pesticides and other xenobiotics, generation of trace gases, and soil and water quality; hands-on laboratory experience with current techniques in soil and water microbiology.



57	EN	AGSM	335	1	Water & Soil Management	Elementary principles of surface and ground water supply, flood control, water distribution systems and irrigation systems; principles of drainage, soil conservation and erosion control; elementary surveying, chaining, leveling and mapping applied to agricultural and natural resource needs; illustrated by practical examples of terracing and farm pond design.
58	SO	ANTH	440	1	Studies in Globalization	Selected issues on the anthropology of globalization such as the impact of global circulations of media, money and people on local cultures, identities and politics, migration and political economy. May be taken three times for credit.
59	SO	AFST	326	1	Africana Popular Culture	Dynamics of popular culture and classic theories of society; popular and public cultural forms in context of globalization and the Africana Diaspora.
60	SO	TEFB	471	5	Dynamics and Management in Multicultural/Inclusionary Learning Environments	This is a field-based course that studies classroom management and the social, emotional, and educational development of children; discipline and organizational strategies that facilitate learning and motivation in children; and procedures for creating an effective learning community.
61	EC, SO	ARCH	458	2	Cultural & Ethnic Considerations for Global Practice	Issues and relationships within the cultural, business, legal and political environments of global practice; differences in the construction contract, bidding and various forms of construction.
62	EC, SO	HLTH	236	7	Race, Ethnicity and Health	Explore in-depth the racial, ethnic, and cultural dimensions that underlie health and health disparities; emphasis on culture, social economic status and governmental policies as they influence the adaptation of health practices.
63	EC, SO	AFST	302	1	Gateway Course	Gateway to a series of courses offered for the minor in Africana Studies: explores topics such as Afrocentrism, postcolonial studies, black cultural studies, black feminist theory for a close study of issues among African and African diaspora populations in Africa, the United States, Caribbean, Europe and South America.
64	EC, SO	INTS	201	4	Introduction to International Studies	Introduction to the field of international studies through examination of diverse processes of globalization; interdisciplinary survey of the social, political, economic, and cultural patterns that have defined the modern world; basic concepts and frameworks for analyzing global events and understanding the current international situation.
65	SO	RDNG	371	3	Multicultural & Interdisciplinary Literature for Middle Grades	Focuses on multicultural and interdisciplinary literature appropriate for middle grades students; implements and evaluates effective multicultural, interdisciplinary instruction through selection, use and development of literature in middle grades classroom.
66	EN, SO	HORT	335	1	Sociohorticulture	Horticulture as it relates to humans through people-plant interactions; use of horticulture to improve quality of life; awareness and appreciation of the economic, environmental, social and health benefits of plants.
67	EN, SO	ARCH	212	1	Social & Behavioral Factors in Design	Social and behavioral factors in the built and natural environment; environmental perception and spatial cognition; social-environmental processes such as privacy and crowding; setting-oriented discussion on residences, education, and the workplace; the psychology of nature and natural resource management; social design and social science contribution to architectural design.
68	EN, SO, EC	BESC	201	1	Introduction to Bioenvironmental Sciences	An introduction to the biological components of environmental sciences, with emphasis on the impact of the world's population on global resources; lectures by research scientists reflecting their disciplinary perspective in relevant areas.
69	EN, SO	CVEN	339	1	Water Resources Engineering	Quantitative hydrology, precipitation, hydrograph analysis, reservoir and stream routing; groundwater, Darcy equation, well equation, well design; probability concepts in design; water law; dams; reservoirs; spillways; open channel and pipe network hydraulics; pumps; urban stormwater drainage; flood damage mitigation.
70	SO, EC	SOCI	314	3	Social Problems	Survey and exploration of causes and consequences of major social problems in American society such as poverty, unemployment, energy, alcohol, other drugs and sexual abuse.
71	SO, EC	SOCI	425	1	Medical Sociology	The relationship between society and health explores social and environmental determinants of health and illness including the decline of mortality from infectious disease and the extent to which this was due to social vs. medical factors; the prevalence of illness/mortality in various population subgroups, and why disease rates differ across groups; and the relationship between stress and health. Health behaviors focus on health behaviors and the critical evaluation of the "individual responsibility" approach to health prevention. Illness behavior and medicalization focuses on actions taken when one experiences symptoms, and the social construction of medical conditions. The discussion on medical practitioners explores the power of physicians in medicine and in society; challenges to physician dominance and autonomy; medicine as an institution of social control; complementary and alternative medicine; and the physician-patient relationship. The health care delivery system covers health care costs; increasing commercialization in the health care system; public and private financing of health care; and social, economic, and ethical issues associated with advanced health care technology.
72	EN, SO, EC	OCNG	251	2	Oceanography	Overview of the ocean environment; interrelation of the subdisciplines of ocean sciences; importance of the oceans to human beings; human impact on the oceans.
73	EN, SO, EC	SCSC	410	1	International Agricultural Systems	Contrast modern agriculture systems with those in developing countries; emphasis on natural resources and technologies interacting with economic and social development on a global scale.
74	EN	ARCH	435	4	Integrated Systems	Understanding how to integrate sustainable environmental systems into a building through good design; lectures support studio; systems faculty participate in studio critiques throughout the project.

75	SO	SOCI	207	5	Introduction to Gender & Society	Similarities and differences between females and males in a number of cultures throughout the world; sociological analysis of gender in relation to social structure.
76	SO, EC	MGMT	430	1	Employment Discrimination Law	Legal issues surrounding employment discrimination, including disparate treatment and impact; intent; affirmative action; sexual harassment; pregnancy, sex, race, religious, salary, disability, age, and ethnic discrimination; policy issues and perspectives to aid human resource specialists and managers.
77	EN, SO, EC	GEOG	323	1	Geography of Latin America	Physical and cultural characteristics of Latin America; physical landscape, cultural succession and the present cultural landscape; details on sub-regions. Environmental and social justice issues are covered.
78	EN, SO	GEOS	101	5	Introduction to Geosciences	Introduction to the geosciences; geography, geology, geophysics, atmospheric sciences and oceanography; areas and opportunities in the various geoscience fields.
79	SO	AFST	481	1	Seminar	Comparative studies of slave societies in the modern world; history and analysis of African American feminism; comparative analyses of the social, political, and economic condition of African Americans and other African peoples of the diaspora.
80	SO	ALED	422	1	Cultural Pluralism in Agriculture	Selected topics on the diversity of human resources in agriculture; emphasis on working in a multicultural society and developing a sensitivity toward different cultures; explores the interrelationships between the contributions of diverse individuals and the state, nation and global success of agriculture.
81	EN, SO	GEOG	320	1	The Middle East	This course is a survey of the regional geography of the Middle East, including the physical setting, environmental issues, urban-economic development and the historical evolution of the landscapes and cultures. Special emphasis placed on understanding the overall physical and human geography of the region and the historical backgrounds to current geopolitical conflicts (such as the Arab-Israeli conflict in the 20th century and the ongoing "Arab Spring"), as well as some of the environmental and societal issues facing the ME in the early 21st century.
82	SO	SPAN	312	2	Hispanic Culture & Civilization: 18th Century to Present	Overview of the Hispanic world, including the United States, from independence in the Americas to present; description and analysis of artistic, historical, literary, political, sociolinguistic topics. Taught in Spanish.
83	SO	WGST	200	1	Introduction to Women's & Gender Studies	Historical and cross-cultural perspectives on women's roles in culture, the workplace, the family and other socio-political institutions; the social construction of gender; sexuality and racism; social control mechanisms and ideologies.
84	EN, SO, EC	CARC	311	1	Field Studies in Design Communication	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs.
85	EC, SO	ASIA	463	1	Gender in Asia	Gender dynamics in Asia; changes in gender roles; women's movements; women and the economy; women and politics; men's and women's private lives.
86	SO	ANTH	210	1	Social & Cultural Anthropology	Social and Cultural Anthropology. Evolution of cultures; differences, similarities and effects of material and non-material culture on economic, social and political organization.
87	EN	BESC	481	2	Seminar	Capstone course for topics in bioenvironmental sciences; critical analysis of environmental issues through written themes and presentations.
88	SO	ANTH	439	1	Gender, Ethnicity & Class in Archaeological Research	Exploration of theoretical and methodological issues in engendering archaeology; ideological biases in the interpretation of roles attributed to women, men, and underrepresented groups in the past; the impact of cultural transformation on underrepresented groups and gender relations; and the formulation of research questions concerning these issues.
89	SO	COMM	335	1	Intercultural Communication	Communication variables in intercultural contexts including culture and meaning, nonverbal styles across cultures, patterns of symbolic transfer, culture shock and communication, values in intercultural dialogue.
90	EN, SO, EC	GEOG	401	1	Political Geography	The political process at a variety of geographic scales: international, intranational and urban; origins of territorial organization and conflicts over access to and use of space and its resources.
91	SO	AFST	324	1	Sociology of Sport	This course will explore the structural and cultural relationship of sport to society. Particular attention will be given to issues of race, gender, sexuality, economics, and politics as they relate to sport.
92	EN, SO	ENGR	482	26	Ethics & Engineering	Development of techniques of moral analysis and their application to ethical problems encountered by engineers, such as professional employee rights and whistle blowing; environmental issues; ethical aspects of safety, risk and liability and conflicts of interest; emphasis on developing the capacity for independent ethical analysis of real and hypothetical cases.
93	SO	EPFB	210	1	Family Involvement & Empowerment	Field-based course that provides information and skills necessary to work with diverse families; addresses need for positive school-family collaboration and characteristics of families throughout the life cycle, the collaboration of educators with families through the special education process, and the provision of family services through community agencies.

94	SO	POLS	306	1	State & Local Government	The United States is fast becoming a multiracial, multicultural, and multilingual country. The literature is reporting that ethnic minorities are increasingly becoming a larger and larger proportion of the U.S. population and its workforce. Some data now show that Texas is a minority-majority state. These demographic changes pose a number of tremendous challenges for Texas and American society in general and the public sector in particular. The challenges for the public sector include maintaining a delicate balance between quality, human well-being and public service policy and programming, and public service delivery. Indeed, both Texas and the United States are faced with major challenges in how to grapple with diversity in all facets of life and in all institutions, including political, government, and business institutions. Therefore, it is no accident that public organizations in the U.S. are concerned about both workplace diversity and diversity in society. The concept of diversity not only takes into account race, ethnicity and gender. It also includes other ways in which individuals are different from one another, including age, sexual preference, and disability. Diversity may be viewed as differing cultures, languages, ethnicity, race, sexual orientations, religious sects, abilities, classes, ages and the origin of individuals in an institution or community.
95	SO, EC	HIST	481	2	Seminar in History	Literature of an issue, event, period or people in history; use of primary source materials connected with the field of the seminar; problems of bibliography, historiography and historical method; and experience in writing.
96	SO	WGST	476	4	Sex & Sexuality in History	Changing ideas about sex and sexuality over time; includes their interaction with ideas about gender, race, class, religion, science, technology, medicine, politics and popular culture; historical and cultural processes creating modern concerns about sex and sexuality.
97	SO	VIBS	432	1	Public Health Practices	Study of various diseases, causes and methods of prevention; epidemiology of disease; social and behavioral sciences; health policy and management; environmental and occupational health.
98	SO	AFST	252	1	Africana Philosophy	Presentation of the seminal ideas of several influential Africana thinkers; recovery of the neglected traditions in which these thinkers locate themselves.
99	SO	PHIL	252	1	Intoroduction to Hip-Hop Philosophy	Introduction to philosophy by way of the major themes and subjects of Hip-Hop; critical advocacy of various philosophical ideals. This class aims to introduce the student to various philosophical conceptualizations of the human condition. Rather than simply enable the student to recall the thoughts of dead white men and women, who lived centuries ago, this class is interested in allowing the students to become critical advocates of their own life circumstances through the integration of differing cultural and political lens. Much like Hip-Hop, the lessons learned from these readings intend to aid the students in becoming proactive thinkers that are willing to challenge, resist, and when necessary defend the various perspectives that arise from the political, ethical, and personal burdens that accompany their individual freedom and societal responsibilities.
100	SO	SPMT	336	1	Diversity in Sports Organizations	Examine an encompassing perspective of diversity within North American and international sport organizations.
101	SO	HISP	362	1	Latino/a Literature	Literature by U.S.-based Latino/a authors writing mostly in English; examination of historical and social contexts of cultural production; may include novels, poetry, short stories, plays, and films to gain understanding of aesthetic expression of diverse Latino/a authors, including but not limited to Mexican Americans, Puerto Ricans, Cuban Americans and Dominican Americans.
102	EN	CARC	301	1	Field Studies in Design Innovation	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs.
103	SO	ENGL	338	1	American Ethnic Literature	Multi-ethnic study of American Literature, the writings of Black Americans, American Indians, Latinos/Latinas, Jewish Americans, as well as other ethnic groups.
104	EN, SO	LBAR	181	3	First Year Seminar in the Liberal Arts	This course will be taught as a seminar, which means that the goals of the course are to foster discussion, encourage social criticism and critical thinking, and develop lifelong habits of questioning, thinking about, and discussing social issues.
105	SO	HIST	346	1	History of South Africa	Selected themes in the history of South Africa from the African Iron Age to the Apartheid regime; history of race relations in the 19th and 20th centuries and the rise of a modern industrial state.
106	SO	HIST	477	1	Women & Gender in Modern European History	Women in Europe from the 18th century to the present: women's contributions to their societies; realities of their daily lives and their responses; perceptions of women; role of institutions in defining women's roles; significance for women of industrialization, revolution, warfare, scientific discoveries; interaction of class, race and gender.
107	SO	SOCI	310	1	Motherhood in Society	Examines expectations and/or practices relating to motherhood, with consideration of their cultural impact; taught from a social science perspective.
108	SO	HIST	344	1	History of Africa to 1800	Origins of humankind in Africa; development and spread of pastoralism, agriculture and iron-working; formation of states and empires; impact of Christianity and Islam; rise of international trade in gold, ivory and slaves; African diaspora.
109	EN	MEEN	437	1	Principles of Building Energy Analysis	Analysis of building energy use by applying thermodynamics and heat transfer to building heating and cooling load calculations; heat balance and radiant time series calculation methods; psychometric analysis, indoor air quality, effect of solar radiation on heating and cooling of buildings. Required design project

110	EN, SO	RPTS	402	3	Park Planning & Design	This course is about people and places. In particular, it is about parks and other places where people spend leisure time. The course reviews the importance of an environmental and social ethic in planning and design, the process and products, and how planning and design of a place can influence people. You should complete the course having gained knowledge that will help you to contribute to a planning or design process and be able to critically examine various types of plans and designs. The course should provide you with a better understanding of physical and social environments and the role that parks and tourism places can play in sustaining them.
111	SO	SEFB	414	1	Methods and Issues in Low-Incidence Disabilities	This course will provide an overview of the learning and behavioral characteristics of individuals with low incidence disabilities. Students will learn to design educational environments that facilitate active participation, self-advocacy, and independence of individuals with low incidence disabilities.
112	SO	ENGR	470	1	Engineering Projects in Community Service	Project course using team approach to engage students in open-ended community service projects involving non-profit agencies; includes project management, understanding the complete design process, awareness of the customer in engineering design, and the ability to communicate effectively.
113	SO	HIST	469	1	History of Collective Violence & Protest	Examination of collective protest and violence on a case study basis and in comparative and historical context; emphasis on causes, the nature of participation, assumptions and goals, and the character of repression.
114	SO	HIST	300	1	Blacks in the United States, 1607-1877	Blacks in the United States from the colonial period to 1877; the slave trade, slavery, free blacks and the impact of the Civil War and Reconstruction on blacks.
115	SO	ENGR	270	1	Engineering Projects in Community Service	Project course using team approach to engage students in open-ended community service projects involving non-profit agencies; includes project management, understanding the complete design process, awareness of the customer in engineering design, and the ability to communicate effectively.
116	SO	HIST	258	1	American Indian History	Survey of American Indian history; Pre-Columbian, First Contact, Colonial Conquest, Differentiation between cultural groups; Reservation period, twentieth-century self-determination, and Pan-Indianism.
117	SO	HLTH	353	1	Drugs & Society	Use and abuse of drugs in today's society; physiological, sociological and psychological factors involved.
118	SO	PSYC	300	1	Psychology of Women	Theoretical and research literature relevant to psychological assumptions about the female personality. How these assumptions are being questioned or verified by recent experimental studies.
119	SO	WGST	401	1	Feminist Theory	Inquiry-based examination of feminist theory from various periods and disciplinary perspectives, with application to societal debates and controversies.
120	SO	COMM	425	1	Rhetoric of the Civil Rights Movement	Rhetorical evaluation of theoretical literature and pragmatic episodes that shaped the U.S. Civil Rights Movement; examination of significant speeches, documents, and protest activities in their historical, political, and social contexts.
121	SO	AFST	201	1	Introduction to Africana Studies	Introduction to the field of Africana Studies: interdisciplinary approach drawing from history, philosophy, sociology, political studies, literature and performance studies; explores the African foundational relationship to and connections with its diaspora populations; covers Africa, the United States, the Caribbean, Europe and South America.
122	SO	PSYC	300	1	Psychology of Women	Theoretical and research literature relevant to psychological assumptions about the female personality. How these assumptions are being questioned or verified by recent experimental studies.
123	EN, SO, EC	RPTS	340	2	Recreation, Parks, Tourism & Diverse Populations	Review of major judicial decisions and civil rights laws on provision and distribution of leisure services in society; influence of age, disability, ethnicity, national origin, race, religion and gender on individual's preferences for particular experiences; implications of individual differences for the provision of services.
124	SO	BEFB	426	2	Effective Instruction of Hispanic Students of Diverse Abilities	Field-based application of effective instructional strategies for teaching Hispanic bilingual students of diverse abilities. Must be taken on a satisfactory/unsatisfactory basis.
125	EN	ENTO	320	1	Honey Bee Biology	Introduction of honey bee biology and beekeeping practices to science and non-science majors; honey bees as the model insect to introduce general principles of biology and entomology.
126	SO	PSYC	210	1	Psychological Aspects of Human Sexuality	Interface between human sexuality, reproductive development, and gender roles across the lifespan; theoretical and research literature promotes understanding of hormonal influences, learning processes, cultural differences, sexual response, and love and attraction.
127	SO	SCEN	201	2	Self-Directed Experiences with Adolescents	Study of adolescents in diverse school and community settings; issues in physical, mental, social and emotional development; issues related to racism, sexism, and cultural diversity; development, presentation, and defense of portfolio required.
128	EN	GEOS	481	1	Seminar	Acquaint students with current research themes in the environmental field.
129	EN, SO	HORT	315	1	Issues in Horticulture	Analysis of contemporary economic, technological, environmental, human resource, and regulatory issues that impact the way global horticultural firms compete; emphasis on problem recognition and analysis of managerial decisions by firms throughout the entire horticultural supply chain.
130	SO	HLTH	222	1	Concepts in Peer Health Education	Preparation as peer educators and campus community leaders; experiential learning; includes various health topics, program development, presentation and public speaking, communication and group facilitation. Enhancing cultural competency. Learning how to educate peers about health and wellness.
131	SO	COMM	420	1	Gender & Communication	Survey of the role of gender in communication processes; focus on communication differences between men and women in contexts such as the family, school and work organizations; discussion of media influence in gender stereotypes.

132	SO	WGST	420	1	Gender & Communication	Survey of the role of gender in communication processes; focus on communication differences between men and women in contexts such as the family, school and work organizations; discussion of media influence in gender stereotypes.
133	SO, EC	INST	310	6	Understanding Special Populations	Referral, assessment and categorization of special populations including physical, cognitive and affective characteristics; cultural, ethnic, economic and linguistic differences; giftedness; special education and compensatory programs; awareness of legislative history that results in rights for special populations.
134	EN, SO, EC	RPTS	426	1	Tourism Impacts	Consequences and impacts of various kinds of tourism development for host communities and regions; read and evaluate case studies from Texas, other areas in the United States and internationally; economic, environmental, social, cultural and political impacts associated with tourism proposals, project development, tourist activity, industry expansion and industry decline.
135	SO, EC	HIST	302	1	Women & War in the African Diaspora	Case studies of women and war in the African diaspora in a wide historical and comparative context; social, economic, and cultural influence of war on women's lives; women as victims, combatants, and refugees; historical construction of race, ethnic and gender identity during times of conflict.
136	SO	WGST	474	1	Studies in Women Writers	History of literature by women in English; emphasis on continuity of ideas and on literary contributions; study of a variety of genres with particular attention to the significance of gender in the racial, social, sexual and cultural contexts of women writing in English.
137	SO	GEOG	202	3	Geography of the Global Village	Geography of the Global Village. Survey of world regions; globalization; environmental problems at multiple scales; human-environment interactions; cultural coherence and diversity; population and settlement; geopolitics; social and economic development; place identification.
138	EN	GEOG	203	14	Planet Earth	Planet Earth. Earth's physical environment including climate, water, landforms, and ecosystems; processes that control these systems and their global distributions; human effects on these processes.
1	EN, SO	BESC	314	2	Pathogens, the Environment and Society	The impact of microorganisms (bacteria, fungi and viruses) on the development of modern culture and society; the role pathogens played in the history of mankind and the influence of the changing environment on emerging diseases.
2	EN, EC	AGEC	105	1	Introduction to Agricultural Economics	Characteristics of our economic system and basic economic concepts; survey of the farm and ranch firm and its organization and management; structure and operation of the marketing system; functional and institutional aspects of agricultural finance; government farm programs.
3	EN, EC	AGEC	422	2	Land Economics	Economic, institutional, and physical factors involved in the use and control of natural resources; includes elements of introductory land economics as a discipline, economic foundations of land economics, institutional influences on land use, and the effects of public policy on land use.
4	EN, EC	AGSM	201	5	Agricultural Energy and Power Systems	A study of the types of power and energy sources used in agricultural equipment and systems; management considerations for selecting, operating and maintaining internal combustion engines, electric equipment and motors, and renewables as power sources.
5	EN	ATMO	201	3	Weather and Climate	Structure, energy, and motions of the atmosphere; climate; fronts and cyclones; atmospheric stability; clouds and precipitation; severe storms.
6	EC	ECON	330	1	Economic Development	A study of the less developed world; economic problems and solutions.
7	EC	ECON	433	1	Energy Markets and Policy	Economics of energy markets and energy regulation with emphasis on implications for optimal energy policy; sectors include gasoline, oil, electricity, natural gas, renewables, nuclear; economic theory integrated with empirical applications from American and international experience; new energy markets, energy trading, and interaction with environmental policy.
8	EC	GEOG	304	1	Economic Geography	Location of economic activities over the earth; distribution of agriculture, manufacturing, tertiary activities and transportation; economic growth of areas.
9	EN	GEOS	405	1	Environmental Geosciences	Dynamics and human interactions with near-surface environments including land, atmosphere and oceans through problem-based learning; interdisciplinary environmental problem topic, for example, water quality, urbanization, coastal development, or environmental pollution; geoscience techniques used for monitoring human-geosphere interaction.
10	SO	HLTH	231	1	Healthy Lifestyles	Healthy Lifestyles. Health issues relevant to students; included are mental health, use and abuse of drugs, human sexuality, communicable diseases, environmental and consumer health.
11	EN	RENr	205	2	Fundamentals of Ecology	Principles of ecology using a holistic approach treating plants, animals and humans as one integrated whole; composition, structure, nutrient cycles and energetics of biotic communities; adaptations to environmental factors; biotic relationships; and problems of environmental quality and resource use.
12	EN	RENr	405	2	GIS for Environmental Problem Solving	Interdisciplinary approach to train students to integrate GIS and relevant technologies for environmental problem solving; helps students relate learning to real world situations; students conceptualize, develop and manage projects using real data; one term project required.
13	SO	SOCI	319	2	Sociology of Sport	Social institution of sport and its consequences for American society social organization from play to professional sport; violence, discrimination, women in sport; socialization implications from participation in sports.
14	SO	SPMT	336	1	Diversity in Sport Organizations	Examine an encompassing perspective of diversity within North American and international sport organizations.

15	EN	WFSC	403	3	Animal Ecology	Concepts of animal ecology which emerge at various levels of organization; the ecosystem, the community, the population and the individual; laboratories emphasis on the quantitative analysis of field data and the simulation of population dynamics.
16	EN	WFSC	425	1	Marine Fisheries	Survey of fisheries for marine vertebrates and invertebrates primarily in the Gulf of Mexico and South Atlantic with special emphasis being directed to their biology, economics and management.
17	EN, SO, EC	SOCI	205	10	Introduction to Sociology	Introduction to Sociology. Sociological perspectives including concepts and methods; social class and social status, the family, minorities, crime, religion, power, urbanization, environmental issues, and population.
18	EN, SO	SOCI	312	1	Population & Society	The causes and implications of major population trends.
19	SO, EC	SOCI	211	1	Sociology of Deviance	Perspectives on non-normative behavior; theories of deviance.
20	EN	RPTS	316	1	Recreational Management of Wildlands	Management and recreational use of wild and wilderness areas and multiple use management areas; systems and techniques for dealing with management problems in outdoor recreation.
21	EN, SO	AERO	401	1	Introduction to Aerospace Engineering	Overview of aerospace engineering and the aerospace industry, including requirements and assignments of an aerospace engineer, vehicle configurations and missions, aerodynamics, structures and materials, dynamics and control, simulation and testing, and aerospace engineering in the future. Sustainability aspects covered.
22	SO, EC	AFST	201	1	Introduction to Africana Studies	Introduction to the field of Africana Studies: interdisciplinary approach drawing from history, philosophy, sociology, political studies, literature and performance studies; explores the African foundational relationship to and connections with its diaspora populations; covers Africa, the United States, the Caribbean, Europe and South America.
23	SO	AFST	204	1	Introduction to African American Literature	Introduction to the writings of African Americans from the 18th century to the present, emphasizing the major themes and traditions.
24	EN, SO	AGCJ	406	1	Agricultural Public Relations Methods	Agricultural public relations campaign analysis; public relations case studies and methods including writing public relations plans for agricultural entities, producing public relations components and evaluating public relations objectives, strategies and tactics.
25	SO	AGSC	301	1	Introduction to Agricultural Science Teaching	Introduction to agricultural science teaching at the secondary level; an overview of preparing teachers for a changing world including knowledge of learners, subject matter and teaching within the context of agricultural science.
26	SO	ALED	380	1	Workshop in Agricultural Leadership and Development	The study, understanding and solution of human-agricultural problems based on theory learned in the classroom, library, laboratory and fieldwork completed by individuals and teams.
27	EN	ANSC	310	2	Behavior and Management of Domestic Animals	Application of behavior of cattle, horses, sheep, goats and swine to their management; basic principles, physiology of behavior, perception, training, predators, use of dogs in livestock production, stress and animal welfare.
28	EN	ANSC	605	1	Advancements in Beef Cattle Production	Current knowledge and concepts in production of lean beef; review of research in beef cattle production, breeding, nutrition, reproduction and economics. Sustainability issues covered.
29	SO	ANTH	201	2	Introduction to Anthropology	An introduction to the discipline of anthropology through the examination of its four sub-fields: archaeology, physical anthropology, sociocultural anthropology and linguistics.
30	SO	ANTH	210	3	Social and Cultural Anthropology	Evolution of cultures; differences, similarities and effects of material and non-material culture on economic, social and political organization.
31	SO	ANTH	314	1	Agrarian Peasant Societies	Major adaptations among traditional agricultural peoples of the world; production and marketing organization; culture of the village; ties between peasants and the nation; contemporary changes in traditional life.
32		ARCH	205	4	Architecture Design I	Issues and methods in designing environments for human habitation and well-being; projects addressing site, functional planning, spatial ordering, form generation through a recognition of the synthesis of space, structure, use and context; reinforcement of appropriate graphic and model building techniques.
33	EN, SO	ARCH	405	4	Architectural Design IV	A comprehensive design studio focused on the integration of design theory with functionally sustainable environmental and structural systems; consideration of a project from site analysis and programming through design detailing.
34	EN	ARCH	433	1	Architectural Lighting	Theory and practice of lighting design as an art and science; aperture design for sunlight control; selecting and locating luminaries to enhance interior and exterior surfaces and spaces.
35	EN, SO, EC	ARCH	446	1	Foundations of Historic Preservation	Exploration and evaluation of the cross-disciplinary work of historic preservation; emphasis on the significance of historic places to societal well-being and conservation alternatives for historic and cultural environments; review of preservation projects and treatments; guest presentations and case studies from practicing professionals and researchers in a variety of fields.
36	EN	BAEN	150	2	Introduction to Biological and Agricultural Engineering Design	Introduction to the engineering design process using design problems presented by biological and agricultural engineers from industry; problem definition, information search, idea generation and development of design concepts.
37	EN, EC	BAEN	464	1	Irrigation and Drainage Engineering	Engineering principles and design of both surface and pressurized irrigation systems; introduction to the design of surface and subsurface drainage systems including crop water requirements, soil moisture, irrigation scheduling, surface irrigation, sprinkler irrigation, trickle irrigation, pumps, pipelines, irrigation canals, irrigation wells, and surface and subsurface drainage.

38	EN	BESC	401	1	Bioenvironmental Microbiology	The interactions of microorganism in diverse environments; applied aspects of microbial interactions in the environment, their effects on the environment, and potential use to solve environmental problems.
39	SO	CARC	301	1	Field Studies in Design Innovation	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs. May be taken up to two times in the same semester.
40	SO	CARC	331	1	Field Studies in Design Philosophy	Design philosophy in international and domestic environments away from the Texas A&M University campus; emphasis on the historical, philosophical, cultural, social and economic factors that influence design solutions. May be taken up to two times in the same semester.
41	SO	COMM	327	1	American Oratory	Survey of significant American oratory; critical analysis of important speeches in their historical, political, social, and philosophical contexts.
42	SO	COMM	370	1	Health Communication	Survey of theory and research in health communication, including interaction between patients and providers, communication in health care organizations, health care campaigns, and cultural meanings of health and illness.
43	EN, SO	COMM	450	2	Media Campaigns	This course involves the principles of designing media campaigns and advertising as applied to health, crime, and the environment—as well as processes that drive the planning and execution of these campaigns. This course begins with a review of campaign, marketing and advertising basics, including goals, theory, persuasive elements, design, and implementation. It follows with an exploration of media campaigns and advertising in different domains, including health, politics, the environment, and crime.
44	EN	COSC	325	2	Mechanical, Electrical and Plumbing Systems in Construction I	Design, operation, materials and installation methods of mechanical, electrical and plumbing systems in construction. Sustainability covered.
45	EN	COSC	440	1	Interdisciplinary Capstone	A senior capstone for students preparing to enter the design-build sector of the construction industry; integration of the design and construction processes into a single, cohesive project delivery system, starting with project inception, and carrying through construction, operation and maintenance of various types of construction projects. Demonstrate understanding of evolving industry issues/practices; such as, Lean construction, BIM, and sustainable construction.
46	EN, EC	COSC	442	1	Commercial Capstone	A senior capstone course for students preparing to enter the commercial construction sector; project management of commercial construction projects, including: aspects of design, bidding/estimating. Presentation, value engineering, contracts/negotiation, subcontractor relations, cost controls, management during construction, close out, and post-construction requirements. Sustainability of project covered.
47	EN, SO	CVEN	207	3	Introduction to the Civil Engineering Profession	Introduction to the study and practice of civil engineering; specialized subdisciplines of civil engineering; professionalism and professional registration; engineering ethics; exercises in engineering technical communications.
48	EN, EO	CVEN	307	2	Transportation Engineering	Fundamental principles and methods in planning, design, and operation of transportation systems; driver and vehicle performance capabilities; highway geometric and pavement design principles; traffic analysis and transportation planning.
49	EN, SO, EC	CVEN	424	4	Civil Engineering Professional Practice	Professional practice issues; current civil engineering issues that impact design, construction, and operation of the civil engineer facilities; developing engineering solutions that better serve society; business and public policy concerns; life-long learning; problem solving; professional licensure.
50	EC	ECON	202	1	Principles of Economics	Elementary principles of economics; the economic problem and the price system; theory of demand, theory of production and the firm, theory of supply; the interaction of demand and supply.
51	SO, EC	ECON	418	1	Economics of Labor	Economics of the labor market: factors affecting the economy's demand for labor and the supply of labor; labor market problems such as unemployment and poverty; the economics of trade unions and collective bargaining.
52	SO	EHRD	303	1	Foundations of Human Resource Development	Overview of the discipline and field of human resource development; focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, systems theory, organizational culture, learning and change.
53	SO	EHRD	303	2	Foundations of Human Resource Development	Overview of the discipline and field of human resource development; focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, systems theory, organizational culture, learning and change.
54	EN, EC, SO	ENDS	101	11	Design Process	Fundamental design processes, issues and theories relevant to design resolution and the creation of new ideas; creative thought processes from the formation of ideas through incubation to final product and future impact on the physical environment and society.
55		ENGL	228	1	American Literature: Civil War to Present	Expressions of the American experience in realism, regionalism and naturalism; varieties of modernist and contemporary writing; the rise of ethnic literature and experimental literary forms.
56	SO	ENTO	210	1	Global Public Health Entomology	Impacts of insects and insect-borne diseases on public health and well-being around the globe; insect biology, bloodfeeding, and transmission of human diseases; role of insect borne diseases on human history, socio-economic development, and public health infrastructure.
57		ENTO	320	1	Honey Bee Biology	Introduction of honey bee biology and beekeeping practices to science and non-science majors; honey bees as the model insect to introduce general principles of biology and entomology.

58	EN	ENTO	322	2	Insects and Human Society	Emphasis on the role insects have played in the development of human cultures; aspects include health, food production and storage, art, music and architecture; overview of historic, present day, and future roles insects will have on environmental movements (green societies), and in underdeveloped, developing and developed societies.
59	EN, SO	ENTO	425	1	Disease Ecology	Ecological interactions that influence the distribution and abundance of pathogens, vectors, and hosts ultimately determine the spread of disease; impacts of urbanization, climate change, and other human influenced environmental changes on disease dynamics; integration of disease ecology into pathogen and vector monitoring and comprehensive strategies to reduce disease occurrence.
60	EN, SO	ESSM	203	6	Forest Trees of North America	Taxonomy, phylogeny, and identification of the important forest trees of North America and their ecological and social uses and benefits.
61	EN	ESSM	314	1	Principles of Rangeland Management Around the World	Basic knowledge of world rangeland ecosystems, how these systems are managed in diverse cultural settings; principles of underlying ecological processes influenced by various land management practices; foster understanding of the values that people in different countries place on rangeland resources; use of these values to enhance geologically sustainable and socially acceptable rangeland management practices.
62	EN	ESSM	415	1	Range Analysis and Management Planning	Basic concepts and theories of range management systems. Resource inventory, analysis and management planning.
63	EN	ESSM	651	3	Geographic Information System for Resource Management	Geographic Information System (GIS) approach to the integration of spatial and attribute data to study the capture, analysis, manipulation and portrayal of natural resource data; examination of data types/formats, as well as the integration of GIS with remote sensing and Global Positioning System; laboratory includes extensive use of GIS applications to conduct analyses of topics in natural resources.
64	EN	GEOG	335	1	Pattern and Process in Biogeography	Distribution of organisms across the earth and on environmental and cultural processes that have contributed to these patterns of distribution; dynamic nature of biogeographic patterns; impacts of contemporary and prehistoric humans on plant and animal distributions; methods for exploring biogeographic patterns and detecting change.
65	EN, SO	GEOG	434	2	Hydrology and Environment	Examination of hydrologic processes in relation to climate, soils, vegetation, land use practices, and human impacts; natural scientific perspectives emphasized; field and laboratory included.
66	EN	GEOG	442	1	Past Climates	Terrestrial and marine proxy records of past climate variability, including tree rings, coral, and sediments; past climate change events such as the Little Ice Age and Medieval Warm Period; greenhouse gases and global temperature; insight into the nature of climate change and challenges humankind faces in the next few centuries.
67	EN	GEOL	101	29	Principles of Geology	Principles of Geology. Physical and chemical nature of the Earth and dynamic processes that shape it; plate tectonics, Earth's interior, materials it is made of, age and evolution, earthquakes, volcanism, erosion and deposition; introduces physical and chemical principles applied to the Earth.
68	EN	GEOL	104	18	Physical Geology	Laboratory exercise-based introduction to the physical and chemical nature of the Earth and dynamic process that shape it; rock and mineral types; topographic and geologic maps; complements GEOL 101 but may be taken independently.
69	EN	GEOL	320	2	Geology for Civil Engineers	Principles of physical and engineering geology; properties of minerals, rocks and soils; active surface and subsurface processes; applications to the siting, design, construction, operation and maintenance of engineered works and the protection of the environment. A three-day field trip is required (a field trip fee is charged at registration).
70	EN	GEOL	410	2	Hydrogeology	Geologic conditions determining the distribution and movement of ground water and their effect on the hydrologic properties of aquifers.
71	EN	GEOS	470	1	Data Analysis Methods in Geosciences	Research methods from conceptualization of a scientific problem to data collection, analysis, and visualization; basic data analysis methodologies in the geosciences; emphasis on real-world applications from environmental, atmospheric, and oceanographic sciences.
72	SO	HEFB	322	1	Teaching and Schooling in Modern Society	Developing an understanding of students in multiple settings and levels; development, structure, history, finance, and management of schools in a democratic society; philosophical, ethical and moral dimensions of teaching; professional role of teacher.
73	SO	HIST	103	1	World History to 1500	Development of major world societies in the premodern era; emergence of agrarian-based modes of production, political states, religious economy and a global division of systems; Eurasian world system and the civilizations of Africa and the Americas.
74	SO	HIST	105	4	History of the United States	History of the United States. Colonial heritage; Revolution; adoption of Constitution; growth of nationalism and sectionalism; Civil War; Reconstruction.
75	SO	HIST	106	2	History of the United States	History of the United States. Since reconstruction; new social and industrial problems; rise of progressivism; U.S. emergence as a world power; World War I; reaction and New Deal; World War II; contemporary America.
76	SO	HIST	280	1	The Historian's Craft	The Historian's Craft. The world of the professional historian; meanings and uses of history; current debates; archival research; evidence and argumentation; principles and methods of the analytical narrative.
77	EN	HIST	376	1	Great Scientists in History	History of fundamental scientific principles through biography; Galileo, Newton, Darwin, Mendel, Curie, Einstein, Pauling, and others.



78	SO	HIST	461	1	History of American Women	Cultural, political, legal and religious factors that helped shape the role and character of women in American society from colonial times to the present; historical role of women in the development of the nation.
79	SO	HIST	481	1	Seminar in History	Literature of an issue, event, period or people in history; use of primary source materials connected with the field of the seminar; problems of bibliography, historiography and historical method; and experience in writing.
80		HLTH	214	1	Health and Physical Activity for Children	Coordinated school health and physical activity programs appropriate for elementary aged children; focus on the content of the curriculum and the philosophical underpinnings of programming related to health and physical activity.
81	SO	HLTH	334	3	Women's Health	A broad range of health issues that are either unique to women or of special importance to women; information for the health consumer; preparation as an advocate of healthy lifestyles; awareness of the role health plays in the life of all women.
82	SO	HLTH	342	1	Human Sexuality	Many aspects of human sexuality; physiology and function of human reproductive system, factors involved in learning sex roles, biological and emotional motivations associated with the sexual aspects of life and their relationship to marriage and family planning.
83	EN	HORT	202	5	Horticultural Science and Practices Laboratory	Methods and practices related to production of horticultural crops; practical exercises in greenhouse and field.
84	EN	HORT	301	1	Garden Science	Identification, propagation, soil management, fertilization, growth control and protection of common garden plants: indoor ornamentals, landscape ornamentals, fruits and vegetables; special topics include home landscaping, container gardens, bonsai, herbs and medicinal plants and hobby greenhouse management. The effects of organic and non-organic practices on the garden ecosystem.
85	EN, EC	HORT	325	1	Vegetable Crop Production	Origin, nutritive value, economic importance, botany and cultural practices of the major vegetable crops. Lab activities include organic and non-organic production of major vegetable crops.
86	EN, EC	HORT	428	1	Greenhouse Operation and Management	Principles of greenhouse operation and management for production of horticultural crops; construction and operation of greenhouse structures and systems; regulating and controlling the environment and applying cultural practices as they affect plant physiological processes and influence plant growth and development; management of a greenhouse business.
87	SO, EC	IBUS	452	1	International Management	An overview of international management to include international dimensions of organizational behavior, theory, strategy and human resource management; application of theoretical ideas to real-world situations through case analyses, presentations, projects and interactive class discussion.
88		IDIS	444	2	Ethics and Leadership in Distribution	Managing change in a dynamic environment in industrial distribution including key success factors involved in firm profitability, issues of a strategic nature; negotiation processes; ethical behavior in achieving economic and social performance.
89	EN, SO	INTS	205	1	Current Issues in International Studies	Exploration of current issues and problems in International Studies through attendance of events, lectures by noted international academics and professionals, and in-class discussions. May be taken three times for credit.
90	SO	INTS	401	1	Urbanism and Modernism	Interdisciplinary examination of the transition from rural traditions to urban alienation, covering modernist currents in culture, history, politics, and society; exploration of the problems of urbanism as represented by the most renowned twentieth-century artists; study of such topics as modernist urban design, urban alienation, modernist cities, dystopia, and urbanism.
91	SO	INTS	481	1	Senior Seminar in International Studies	Capstone course designed to produce in-depth research projects; based on student's international experience and specific area of expertise acquired in major.
92	SO	KINE	198	101	Health and Fitness Activity	Health and Fitness Activity. Half lecture; half activity; student choice of designated fitness or strength related activities; lecture portion covers current health topics. This course is designed at an introductory level to cover relevant health and fitness topics. The lecture portion will cover current health issues including mental and physical health, nutrition, human sexuality, communicable and non-communicable diseases, use and abuse of drugs, and safety.
93	SO	KNFB	322	2	Teaching and Schooling in Modern Society	Developing an understanding of students in multiple settings and levels; development, structure, history, finance, and management of schools in a democratic society; philosophical, ethical and moral dimensions of teaching; professional role of teacher.
94	EN	LAND	200	1	Introduction to Landscape Architecture Practice	The course introduces the students to the diversity of landscape architectural education and practices both as a discipline and as a profession. It defines traditional practice forms and examines evolving and expanding interdisciplinary opportunities for future landscape architects. LAND 200 is intended to LAND 200 Introduction to Landscape Architecture Practice Jun-Hyun Kim 2 be an introduction to the field and is focused on a breadth of general understanding rather than the depth of specific knowledge
95		LAND	240	1	History of Landscape Architecture	Introduction to history of land use, urban design and planning, and site design from prehistory to the present in Europe, Asia, Africa and Australia; contemporary issues in landscape architecture such as sustainability, ecological design, and professional roles, both historically and at present, with comparisons to American examples.
96	SO	MASC	351	1	Problem Solving in Mathematics	Problem solving strategies in math and science; evaluate conjectures and arguments; writing and collaborating on problem solutions; posing problems and conjectures; constructing knowledge from data; developing relationships from empirical evidence; connecting mathematics concepts; readings, discussions, and analyses will model and illustrate mathematics problems solving and proofs.

97	SO	MEFB	352	3	Curriculum and Instruction for Middle Grades	Study of educational theory and instructional strategies appropriate to middle grades education including planning and development of interdisciplinary and multidisciplinary curricula; student centered learning and methodologies. This course will prepare all middle level teacher candidates to facilitate diverse approaches to instructional strategies that supports all areas of development (physical, cognitive, intuitive, social, emotional, moral) and represents a variety of global and multicultural perspectives.
98	SO	MEFB	450	2	Social Studies Methods in the Middle Grades	Trends and issues related to middle grades curriculum development and instruction in social studies and humanities; integration of content, planning, teaching-learning experiences; evaluation of teaching and learning in social studies.
99	SO, EC	MGMT	452	1	Curriculum and Instruction for Middle Grades	Study of educational theory and instructional strategies appropriate to middle grades education including planning and development of interdisciplinary and multidisciplinary curricula; student centered learning and methodologies.
100	SO	MUSC	324	3	Music in World Cultures	Examination of music from an ethnomusicological perspective focusing on musical performance and the complex interrelationship of music to culture, society and daily life; examination of music from a variety of cultures through a series of case studies.
101		NUTR	300	1	Religious and Ethnic Foods	Understanding religious and ethnic foods with application to product development, production, and nutritional practices; emphasis on different food rules and priorities with attention given to different religious and ethnic groups within the US and around the world.
102	EN	OCNG	251	9	Oceanography	Overview of the ocean environment; interrelation of the subdisciplines of ocean sciences; importance of the oceans to human beings; human impact on the oceans.
103	EN	OCNG	420	1	Biological Oceanography	Biological aspects of the marine environment; marine organisms; productivity of the sea; marine pollution and fouling; use of the sea.
104	SO	PERF	327	1	Popular Music in the African Diaspora	Examination of a range of popular musics from the twentieth century that have emerged in conjunction with the historical global spread of peoples and cultures from the African continent; technical knowledge about music is not required; focus on social and cultural contexts for popular music.
105	SO, EC	PHIL	111	2	Contemporary Moral Issues	Contemporary Moral Issues. Representative ethical positions and their application to contemporary social problems.
106	EN, SO	POLS	231	1	Introduction to World Politics	Analysis of contemporary world from point of view of nation-state; political problems, factors involved in foreign policies and relations of nations.
107	SO	POLS	306	1	Contemporary Political Problems and Issues	Major contemporary political problems and issues with primary emphasis on the U.S. Each term one to three problems or issues will be examined in some depth. Students may register in up to but no more than two different sections of this course. May be repeated for credit.
108	EC, SO	POLS	318	1	Theories of International Relations	Examination of major paradigms of international relations; focus on theory development and application to cases.
109	EN, SO, EC	POLS	429	1	Issues in World Politics	Selected issues of importance in contemporary world politics. May be repeated for credit.
110	SO	PSYC	315	1	Social Psychology	Social psychological variables operating on the individual; results of experimental laboratory findings; interaction of personality and social behavior.
111	SO	PSYC	484	1	Field Experiences	Participation in an approved mental health, mental retardation, school, industrial or other approved setting; field experiences supervised by an appropriate professor within an area of student interest; course requirements vary with the setting, the supervising professor and the needs of the individual student. May be repeated for credit.
112	EN	RENR	215	14	Fundamentals of Ecology--Laboratory	Sampling and estimating plant-animal populations, measuring environmental factors and recognizing and studying morphological, physiological and behavioral adaptations of plants and animals to biotic or abiotic influences.
113	EN, SO	RPTS	201	3	Foundations of Recreation, Parks and Tourism	Foundations of Recreation, Parks and Tourism. Analysis of the elements comprising a community, community assessment techniques and community development processes engaged by stakeholders and residents to improve living conditions; definitions and principles associated with community development.
114	EN, SO	RPTS	301	2	Leisure and Outdoor Recreation in American Culture	Introduction to the fundamental concepts of leisure and outdoor recreation and how they influence us as individuals, groups and society; critical factors such as self, family, lifespan, ecology, health, work patterns, communications, diversity, popular culture, and consumption are studied in relationship to past, present and future leisure patterns.
115	SO	RPTS	370	3	Youth Development Organizations and Services	Changing views of adolescence and youth culture in the United States; developmental assets and principles of developing positive youth development supports, opportunities and services; mentoring and staff development for youth serving agencies; goals, program emphases, administrative methods and membership of major youth serving organizations.
116	EN, SO	RPTS	423	1	Tourism Management	Management issues and tools related to the travel and tourism industry; history, planning, operations, leading, directing and controlling tourism businesses; complexity and scope of tourism systems; issues related to ethics and sustainability; managing tourism in different environments; roles of technology and information technology; future of tourism.
117	EN	SCSC	302	2	Recreational Turf	Principles underlying construction and maintenance practices for turf facilities including athletic fields, golf courses, parks and home lawns; aesthetic, safety and economic aspects of turf varieties, soil conditions, plant protectants and maintenance equipment.

118	EN	SCSC	307	2	Crop Biology and Physiology	Emphasis on seed biology, germination, development of cells and tissues, anatomy, and growth and development of crop plants; plant hormones and tropisms, membranes and membrane transport, water absorption and transport through plants, photosynthesis, respiration and carbohydrate metabolism, and flowering; environmental effects on crop adaptation, growth, development, and productivity.
119	EN	SCSC	310	1	Soil Morphology and Interpretations	Field study of morphological features of soil profiles and the morphological characterization of important soils of Texas in relation to soil use and management.
120	EN	SCSC	311	2	Principles of Crop Production	Review of plant physiology and crop adaptation to mesoclimates; crop management factors of planting, pest control, plant nutrition, irrigation, GIS, and harvesting techniques; special units on organic farming, conservation agriculture, farming in low-rainfall climates, and bioenergy crops; influence of markets, government policies, and the global economy on cropping strategies.
121	SO	SEFB	320	1	Education and Employment Issues in Secondary Special Education	Psychological, social, physical and cognitive development of secondary-age students; career assessment; programmatic options within educational and employment settings; transition models from school settings to adult employment.
122	EN, SO	SENG	321	3	Industrial Safety Engineering	Concepts of designing, operating and maintaining optimally safe systems, risk management, economic impact, legislation, performance measurement and accident investigation/analysis; principles and practices in industrial hygiene engineering, fire protection engineering and introduction to systems safety engineering.
123	SO, EC	SOCI	304	3	Criminology	Criminal law and crime rates; explanations of criminal behavior; criminal careers, police, adult courts and prisons.
124	EN, SO	SOCI	430	1	Contemporary Sociological Theory	Basic ideas of contemporary sociological theory: structuralism, functionalism, conflict, symbolic interaction, exchange and their application to current research.
125	SO	SPAN	412	1	Hispanic Writers in the US	Contemporary literature by monolingual/bilingual Hispanic authors in the United States; analysis of representative works from major Hispanic communities in the United States; conducted in Spanish.
126	SO	SPED	302	1	Instructional Design for Students with Disabilities	Familiarizes pre-service teachers with research associated with effective teaching; designing and implementing of instruction for students including those with mild to moderate disabilities; designing and managing environments and materials.
127	SO	SPMT	482	1	Professional Writing Seminar	Acquaint students with a primary means of communicating contemporary research in sport management; extensive readings, intensive writings and an oral presentation designed to complement the curriculum in sport management by introducing the application of sport management research to organizational decision making.
128	SO	SPSY	638	1	Systems Consultation and Prevention Science	Theory, research and practice in prevention science with an emphasis on individuals from birth to age 21; understanding and application of theories and methods of prevention science.
129	SO	TEFB	273	2	Introduction to Culture, Community, Society and Schools	Field-based course that introduces the culture of schooling and classrooms for analysis within the lens of language, gender, racial, socio-economic, ethnic and academic diversity; the family as a partner in education and educational equality discussed.
130	SO	TEFB	322	9	Teaching and Schooling in Modern Society	Development, structure, management and finance of secondary schools; historical, philosophical, ethical and moral dimensions of teaching; role of school in a democratic society; teaching as a profession.
131	SO	TEFB	410	4	Social Studies and the Humanities in the Elementary School	Recent trends, issues and procedures related to curriculum development and instruction in the social studies and humanities; integration of content, planning, design of appropriate teaching/learning experiences and evaluation; preparation of prototype materials.
132	EN, EC	THAR	135	1	Theatre Technology I	Theatre Technology I. Survey of theatre performance spaces, basic tools and set construction, basic scenic, lighting, sound and properties design and construction; participation on departmental production crews required. Sustainability concepts covered.
133		THAR	201	2	Introduction to World Theatre	Non-Western theatre, its origins and continuing influence on society and Western theater; emphasis on the theaters of India, China, Japan, Africa, the Caribbean and Latin America.
134	EN, SO, EC	URPN	369	1	Transportation and Urban Form	Examination of the interrelated nature of transportation, land use and urban design; familiarization with the role of transportation in contemporary society; understanding the interrelationships between transportation and urban form at both the regional and community levels.
135	EN, SO	VIBS	204	1	Fundamentals of Food Toxicology and Safety	Toxicity and safety of various foods and food additives, ingredients and contaminants; occurrence, control and prevention of food transmitted diseases.
136	SO	WGST	200	2	Introduction to Women's and Gender Studies	Historical and cross-cultural perspectives on women's roles in culture, the workplace, the family and other socio-political institutions; the social construction of gender; sexuality and racism; social control mechanisms and ideologies.
137		WGST	334	1	Women's Health	A broad range of health issues that are either unique to women or of special importance to women; information for the health consumer; preparation as an advocate of healthy lifestyles; awareness of the role health plays in the life of all women.
138	SO	WGST	462	1	Women and the Law	The legal status of American women from the adoption of the Constitution to the present: constitutional developments; the 19th Amendment and the proposed Equal Rights Amendment; employment; family law; reproductive rights; education; sexual equality in context of other claims to equality; law and social norms.

Fall 2013 - College Station  
Graduate Courses

KEY	
Total Courses Offered	519
Sustainability Courses	36
Courses that Include Sustainability	25

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
1	EN, EC	BAEN 614	1	Renewable Energy Conversions	Managing energy/power systems through engineering and technical aspects of quantifying and designing the suitability of several types of renewable energy resources; providing new insights of vast resources that future engineers can harness to augment diminishing supplies of non-renewable energy.
2	EN, SO, EC	ESSM 675	3	International Sustainable Community Development	Depicting global trends, paradigms and a comparative framework on sustainable community development; visioning, design, planning and developmental processes; leadership and management skills; marketing and promotion of sustainability concepts and practices; efficacies, indicators, analytic methods and case analyses; platforms for international cooperation; opportunities and careers in pertinent fields.
3	EN, SO, EC	AGEC 659	1	Ecological Economics	Study of the relationships between ecosystems and economic systems; understanding the effects of human economic endeavors on ecological systems and how the ecological benefits and costs of such activities can be quantified and internalized.
4	EN, SO	PLAN 634	1	Environmental Health Policy and Planning	Interdisciplinary perspective of environmental risk analysis methods and policy implications; federal and state agencies and programs involved in developing and implementing environmental health policies and monitoring environmental health hazards; historical and economic context of environmental health legislation; framework for policy making process and criteria to determine effectiveness and outcomes.
5	EN	ESSM 631	1	Ecological Restoration of Wetland and Riparian Systems	How wetland and riparian areas link terrestrial and aquatic systems and function hydrologically and ecologically within watersheds; integrated approaches for restoration of degraded wetland and riparian systems; improving water resources through vegetation management with a special interest in rangelands.
6	EN, SO, EC	ESSM 601	1	Ecosystem Stewardship	Integrates ecological concepts of resilience, sustainability, transformation and vulnerability within a framework of cosystem stewardship to support human well-being in a rapidly changing world; emphasizes social-ecological systems, adaptive management, and valuation of ecosystem services as mechanisms to strengthen management and policy recommendations supporting ecosystem stewardship.
7	EN, EC	COSC 663	1	Sustainable Construction	Contribution of materials and methods to meeting the needs of the present without compromising the ability of future generations to meet their own needs; overview of international, national and local programs promoting sustainable construction; characteristics of the components of successful sustainable construction projects; theories and practices through case studies.
8	EN, SO, EC	ESSM 676	3	Leadership, Development and Management of Environmental NGOs	Trends and increasing power of NGOs in environment and sustainable development; understanding of the organizational structures, functions, planning and management processes of environmental NGOs; technical skills and leadership qualities for careers with environmental NGOs.
9	EN	SCSC 615	1	Reclamation of Drastically Disturbed Lands	Theoretical and practical aspects of reclamation of lands disturbed during mining of lignite, uranium, phosphorous, oil shale and other minerals and disturbances due to industrial activities; emphasis on physical and chemical characteristics of disturbed materials and their impact on establishment of permanent vegetation.
10	EC, SO	SOCI 660	1	Theories of Race and Ethnic Group Relations	Sociological theories of intergroup assimilation, conflict and adaptation; includes examination and analysis of three major contemporary perspectives; assimilation and social fusion theory, conflict models and models of ethnic pluralism; theories of melioration of social discrimination also examined.
11	EN, EC, SO	SOCI 616	1	Political Sociology	Survey of the principal social and organizational bases of politics; the institutionalization of political power; explanation of political change and movements of social protest.
12	EN, EC, SO	RPTS 604	1	Principles of Community and Community Development	Examines different theories about community development as well as the concept of community; explores measurement and other methodological issues in the conduct of basic and applied community research.
13	SO	POLS 644	1	Seminar in Politics of Race, Ethnicity and Public Policy	Examines race, ethnicity, and public policy; emphasizes how policy process considers race and ethnicity, and differential impact of policy on racial groups.

14	EN	NUEN	678	1	Waste Management in the Nuclear Industry	Management of radioactive, hazardous and mixed waste generated by all segments of the nuclear fuel cycle and users of radioisotopes; includes treatment, storage and disposal technologies and the political and socioeconomic issues; evaluation of current practices and regulations using a holistic approach.
15	SO, EC	RPTS	626	1	Social Impacts of Tourism	Analysis of social, cultural and political impacts associated with travel behavior and tourism development, emphasizing a case study approach; theories and methods for assessing individual, community and organization impacts at local and regional levels; host/guest interactions; evaluation of processes of tourism planning and decision-making; and qualitative and quantitative measures for assessing social impacts.
16	EN	WFSC	639	3	Wildlife Ecotoxicology	Distribution, fate, and effects of environmental pollutants on wildlife behavior and reproduction. Global distribution of pollutants and effects on near and remote ecosystems. Field studies, biomarkers, stable isotope and various techniques for evaluating pollutant hazards on wildlife.
17	EN, SO, EC	PLAN	647	2	Disaster Recovery and Hazard Mitigation	Interdisciplinary study of the impacts of environmental disasters; describes process of disaster recovery and examines methods of reducing future vulnerability; analyzes regulation, market mechanisms, and public education as methods for implementing mitigation measures.
18	EN, EC	COSC	622	1	Construction Economics	Foundation in Life Cycle Cost Analysis computation within the context of current issues in environmental sustainability and evidence-based thinking; lean construction as a strategy to overcome the hurdle of first cost.
19	SO	WGST	680	1	Theories of Gender	Theories of gender, sexualities, feminism, embodiment, and difference with particular focus on their relationship to literary and cultural studies; emphasis on contemporary theoretical positions, discourses, and debates.
20	EC	INTA	608	1	Fundamentals of the Global Economy	Examines three fundamental pillars of the global economy: international trade, international finance and foreign direct investment (FDI); appreciation for the complexities of the international environment from both theoretical and policy perspectives.
21	EC, SO	SOCI	607	1	Gender and Work	The goal of this course is to understand why and how men and women's paid and unpaid labor is distinctly valued in the national and international labor market. Moreover, it will interrogate how race and class intersect gender to create further inequalities at work.
22	SO	RPTS	670	1	Youth Development Programs and Services	Principles and practices of youth development supports, opportunities, programs and services; emphasis on the role of out-of-school time settings in youth development; programming considerations related to gender, disability and culture; introduction to evaluation and financing of youth development programs.
23	SO	POLS	650	1	Normative Political Theory	Examination of the most influential approaches, concepts and political arguments of classical and contemporary political theory.
24	EN, SO, EC	PLAN	610	1	Structure and Function of Urban Settlements	The study of urbanization and how geographic, economic, sociological and political factors give rise to changes in the structure and functions of cities; how the movement of people, products, services and capital create unique urban patterns of land use and infrastructure with implications for long-term livability and sustainability.
25	EN, SO, EC	URSC	632	1	Structure and Functions of Cities and Regions	Surveys the design, financial, natural, physical, political and social parameters that influence the development of cities and regions, including presentation of theories about cities and regions, organization of, planning to shape them, and public and private sector plans for structure and function of cities and regions.
26	SO	SPMT	613	2	Diversity in Sport Organizations	Examines an encompassing perspective of diversity within North American and international sport organizations; analysis and understanding of the various ways that people within sport organizations can differ; treats issues of the non-dominant, historically under-represented elements of U.S. society with an emphasis placed on racial and gender issues.
27	SO	ANTH	639	1	Gender, Ethnicity, and Class in Archaeological Research	Explores theoretical and methodological issues in engendering archaeology; ideological biases in the interpretation of roles attributed to women, men and underrepresented groups in the past; the impact of cultural transformations on underrepresented groups and gender relations; and how to formulate research questions concerning these issues.
28	SO	PSAA	675	1	Public Service and Administration Capstone Seminar	Provides a capstone experience for students as they operate in teams to address an important policy and administrative issue; draws on the coursework and experiences of their Bush School education to develop specific recommendations for design, implementation and evaluation of this project task.
1	EN	OCNG	611	2	Global Scale Oceanography	A balanced description of the ocean's large-scale circulation and water mass structure based on the interpretation of modern observations, with emphasis on the ocean's role in global climate, and physical-chemical property fluxes in basin to global scale budgets.
2	EN	GEOG	642	1	Past Climates	Terrestrial and marine proxy records of past climate variability, including tree rings, coral, and sediments; past climate change events such as the Little Ice Age and Medieval Warm Period; greenhouse gases and global temperature; insight into the nature of climate change and challenges humankind faces in the next few centuries.

3	EN	WFSC	613	1	Animal Ecology	Concepts of animal ecology which emerge at various levels or organization; the ecosystem, the community, the population and the individual; laboratories emphasis on the quantitative analysis of field data and the simulation of population dynamics.
4	EN, SO, EC	PLAN	612	1	Transportation in City Planning	Influence of transportation in shaping urban form; relationships between land use and transportation; conceptual layout of street systems; trends in urban development, site development, circulation and relationships to the street system; guidelines for the redevelopment of existing streets and the adjacent land.
5	SO, EC	PSAA	603	1	Nongovernmental Organization Management in International Settings	Exploration of the management of nongovernmental organizations (NGO) in international setting with special attention to their niche alongside private and public sectors, revenue sources, impact on society and converse effects of society and its institutions.
6	EN	GEOL	635	1	Engineering Geology	Geological principles applied to the investigation design, construction and maintenance of engineering projects; history, development and role of engineering geologic practice as applied to dams, waste disposal, surface and ground water, tunneling, quarrying and construction materials.
7	SO	ARCH	675	1	Health Design and Research	Examination of health environments to include buildings, healthcare gardens and restorative landscapes, and urban design for home-based care and independent living; emphasis on research-informed approaches for patient-centered design that reduce stress and promote improved health outcomes.
8	EN	LAND	630	1	Development of Landscape Architecture	Overview of the history of human settlement, land use and landscape architecture outside of North America.
9	SO	HISP	600	1	Introduction to Hispanic Studies	Interdisciplinary review of linguistic, literary, theoretical, cultural, historical and socio-economic issues of the Hispanic world; study of the mechanics and ethics of scholarly procedure and bibliographical guidance on original research; Spanish-language writing practicum.
10	EN, SO	ARCH	607	1	Architectural Design III	Application of verbal, graphic, research, critical thinking and comprehensive design skills to advanced architectural projects or design competitions that address cultural traditions, human behavior and diversity, the context of architecture, collaborative skills, ethics and professional judgement. Core design studio.
11	EN	GEOL	648	1	Stable Isotope Geology	Stable isotopes of oxygen, carbon, sulfur and hydrogen applied to problems in paleontology and paleoecology, carbonate diagenesis, petroleum exploration, and igneous and metamorphic petrology; isotopic paleotemperatures; analytical methods; theory of isotopic fractionation.
12	SO	ENGL	650	1	Readings in 20th and 21st Century Literature and Culture	Wide reading in 20th and 21st Century literature; introduction of major figures, genres, and issues in the period; introduction to current critical conversations in modern and postmodern literary studies, including historical and social contexts.
13	SO	SOCI	627	1	Seminar in Law, Deviance and Social Control	Relevant literature and research in selected aspects of law, deviance and social control. May be taken up to three times for credit as content varies.
14	EN	ARCH	607	1	Architectural Design III	Application of verbal, graphic, research, critical thinking and comprehensive design skills to advanced architectural projects or design competitions that address cultural traditions, human behavior and diversity, the context of architecture, collaborative skills, ethics and professional judgement. Core design studio.
15	EN, SO	NUTR	684	3	Professional Internship	Nutrition care practices in clinical, community, and administrative settings. Provide medical nutrition therapy to diverse patient populations.
16	EN, EC	WFSC	689	1	Special Topics	Special topics in wildlife ecology, fisheries ecology, vertebrate systematics, evolutionary biology of vertebrates and conservation education.
17	EN	OCNG	644	1	Isotope Geochemistry	Stable and radioactive isotope variations in natural materials; applications to geochronometric, geothermometric and paleoclimatologic studies of the marine environment.
18	EN, SO	ARCH	657	1	Advanced Professional Practice and Ethics	Issues and relationships within the business, legal and political environment; legal forms of practice; office organization, personnel practices, policies and management; expanded services; economics of practice, profit planning and accounting; client selection; standard form agreements with consultants and for specialized services, risk management.
19	EC	ECON	603	1	Public Economics I	Economics of taxation and public spending; theoretical and empirical analysis of the shifting and incidence of income, commodity and property taxes; models of optimal taxation and public spending; analysis of taxation and spending in a federal system of government.
20	EN	SCSC	691	1	Research	Investigations leading to thesis or dissertation.
21	EN	CVEN	635	1	Street and Highway Design	Advanced concepts of the design of streets and highways, design criteria, controls and standards for design alignment, cross section, intersections and interchanges and environmental impacts of surface transport facilities.
22	SO	COMM	650	1	American Public Discourse Since 1865	Public discourse and political rhetoric in America in post-Civil War years; historical, conceptual, and practical examination of political campaign rhetoric, legislative rhetoric, judicial rhetoric, and advocacy group rhetoric.

## Spring 2014 - College Station Undergraduate Courses

KEY	
Total Courses Offered	5351
Sustainability Courses	389
Courses that Include Sustainability	465

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
1	EN, EC	ENGR 101	7	Energy: Resources, Utilization, & Importance to Society	Introductory course about current and potential energy sources, the link between energy and wealth, and the consequences of action or inaction concerning energy and the environment. Compare energy resources with regard to economic, societal, and environmental costs. Describe the specific consequences of an action or an inaction concerning energy and the subsequent affects to the environment, economy and society due to such decisions. Apply the scientific method to evaluate the sustainability of various energy choices considering environmental impact, economicviability, and social acceptance.
2	EN, EC, SO	SOCI 328	1	Environmental Sociology	A comprehensive overview of environmental sociology, including major sociological theories, concepts and policy issues affecting our understanding of environmental changes; emphasizes social factors that impact environmental quality.
3	EN, EC, SO	GEOG 430	1	Environmental Justice	Exploration into the spatial variability and human geography of exposure to environmental hazards in U.S. and international contexts; emphasizes environmental equity and environmental racism as it relates to occupational, leisure, and residential geography.
4	EN	RENR 470	1	Environmental Impact Assessment	The evolution of natural resources regulatory policies and how this influences current procedures for environmental/natural resources assessment and management; demonstration of the environmental impact assessment procedures and policy issues associated with environmental impacts.
5	EN, SO	ARCH 213	1	Sustainable Architecture	A comprehensive introduction to sustainability concepts, techniques and applications at all levels of the built environment, history of contemporary development of sustainable architecture from 1960 to the present; design strategies, environmental technologies and social factors for reducing building energy needs and carbon foot prints; global applications of sustainable approaches.
6	EN, EC, SO	GEOG 330	1	Resources & Environment	Changing demand for land and sea resources; international conditions of population growth, resource depletion and geopolitical control; resource perceptions and decision-making.
7	EN	ESSM 308	1	Fundamentals of Environmental Decision-Making	Introduction to environmental issues in natural resources management; fundamental principles and methods for understanding biosocial interdependencies in complex environmental issues; use of computer-aided group decision-making techniques to develop cooperative strategies for resolving local or global environmental issues.
8	EN, SO	HLTH 429	4	Environmental Health	Health aspects of environments; health problems related to water, air and noise pollution; pesticides; population and radiation; examination of various micro-environments which either promote or hinder human health and well-being and their implications for community planning and utilization of human resources.

9	EN	ARCH	421	1	Energy & Sustainable Architecture	Understanding the various design decisions impacting sustainability and energy efficiency; includes participation in an "academic" LEED-NC rating project; interdisciplinary team approach with a design studio architect to perform the LEED-NC rating on the architect's building; application of reference material, standards, and USGBC material.
10	EN, SO	ESSM	320	2	Ecosystem Restoration & Management	A basic conceptual framework for restoration ecology and ecological restoration; major principles of ecology related to practical problems confronting humankind, such as, environmental pollution and degradation, exotic species invasions, land use and management trade-offs and consequences; importance of biological diversity.
11	EN, SO	ESSM	430	1	Advanced Restoration Ecology	A dynamic discipline relying heavily on the fundamentals of ecology; practice translating and communicating key ecological concepts to advanced case studies in ecological restoration; enhance skills for professional applications.
12	EN	GEOG	380	1	Workshop in Environmental Studies	The study, understanding and solution of human environment problems based on principles learned in the classroom; library, laboratory and field work carried out by individuals and in groups; reports on work accomplished.
13	EN, EC, SO	ALEC	450	1	Global Social Justice Issues in Agriculture	An in-depth evaluation of global social justice issues and leadership skills necessary to effectively solve and manage issues in agricultural development; topics include awareness, knowledge and understanding of teaching, research and service opportunities for those seeking careers in global social justice and agricultural leadership.
14	EN	SCSC	455	1	Environmental Soil and Water Science	Discussion of physical, chemical, and biological properties of soil and water and the impact on productivity and sustainability of various ecosystems; application of the knowledge of properties and soil processes to develop and evaluate strategies for protecting and/or improving soil and water quality.
15	EN, EC, SO	URPN	460	1	Sustainable Communities	Focuses on sustainable community with applications in public policy/design including societal organization, disciplinary bound design and policy, and empowered approaches to design, social ecology and public policy; reading and review of relevant literature on sustainability, complemented with exercises to illustrate underlying principles.
16	EN, EC	RENR	375	2	Conservation of Natural Resources	Principles and philosophies associated with the development, management and use of natural resources; ecological and social implications inherent in management alternatives involving the natural environment and use of renewable natural resources.
17	EN, SO	ENTO	489	2	Agriculture, Society, & The Environment	Surveys the origins and evolution of agriculture as context for a critical review of contemporary agriculture, including environmental and human health issues surrounding agriculture in developing countries, and relying on case studies from Latin America and the fields of agriculture, agricultural development, and pest management.
18	EN	GEOS	410	1	Global Change	The interaction of the earth, atmosphere, oceans, cryosphere and life, including the impact of human society on the environment and climate; global change modeling; politics, policy and decision making; and personal awareness.
19	EN	GEOG	205	1	Environmental Change	Systems perspective on important attributes, elements, and connections within earth's physical environment; dynamic nature of environment at multiple spatial and temporal scales.
20	EN, EC, SO	AGEC	350	3	Environmental & Natural Resource Economics	Inspection of issues such as environmental degradation, population growth, recycling, water use and depletion, natural habitat protection, water and air pollution, acid deposition, fishery management, and global warming using economically derived principles and tools.
21	EN, SO	BAEN	489	1	Fundamentals of Ecological Engineering	Engineering design of ecosystem services following a systems approach incorporating mass and energy flow at multiple scales. Incorporation of self-organization into ecological engineering design. Design of non-built (stream and landform) and built (low impact development, green infrastructure, sustainable agricultural systems) ecosystems.
22	EN, SO	ENGL	302	1	Environmental Literature	Texts from various periods and locations and in various genres and media that focus on the relationship of human beings to the rest of the natural world; topics vary from each section.
23	EN	LAND	485	1	Green Roofs on Campus	This course is set up to engage students in active participation of living wall and green roof design, installation, measurement and maintenance on campus.



24	EC, SO	AFST	252	1	Introduction to Hip-Hop Philosophy	Introduction to philosophy by way of the major themes and subjects of Hip-Hop; critical advocacy of various philosophical ideals. This class aims to introduce the student to various philosophical conceptualizations of the human condition. Rather than simply enable the student to recall the thoughts of dead white men and women, who lived centuries ago, this class is interested in allowing the students to become critical advocates of their own life circumstances through the integration of differing cultural and political lens. Much like Hip-Hop, the lessons learned from these readings intend to aid the students in becoming proactive thinkers that are willing to challenge, resist, and when necessary defend the various perspectives that arise from the political, ethical, and personal burdens that accompany their individual freedom and societal responsibilities.
25	EC, SO	ECON	318	1	The Economics of Gender & Race	Theories and evidence on gender and race differences in labor market outcomes; labor supply and the role of family formation; the effect of human capital and discrimination on earnings; analysis of government policies; international comparisons.
26	EC, SO	ECON	312	1	Poverty, Inequality & Social Policy	Determinants of inequality in market earnings; philosophical and economic reasons for redistributing income; issues in measurement of inequality and poverty; examination of major social insurance and welfare programs and how they affect income distribution and performance of the economy.
27	EN, EC, SO	GEOS	444	1	The Science & Politics of Global Climate Change	Examination of the policy and scientific debate over climate change; how scientific debates produce "knowledge"; how political debates produce policies; how policy debates use science; scientific evidence for climate change; impacts of climate change; possible responses to climate change; the political debate over climate change.
28	SO	HIST	319	1	U.S. Immigration and Ethnicity	The sources and persistence of ethnic identity in 19th and 20th century America; its interaction with religion, politics, languages, education and social mobility; various nativist and anti-immigrant movements; contrasts and continuities between contemporary immigration patterns and those of earlier eras.
29	SO	HIST	280	1	The Civil Rights Movement - Reconsidered	The public usually imagines the Civil Rights Movement in the US as being African-American, taking place in the US Southeast, and occurring from 1954 - 1968. There were several Civil Rights Movements taking place across the US however. Additionally, most, including the African American movement, date back to the early 20th century or even the late 19th century. In this course, we will examine the African American, Latino, and American Indian Civil Rights Movements. We will examine the causes, effects, significance, and trajectories of these movements.
30	EC, SO	URPN	340	1	Housing and Community	Housing, its development, planning, marketing, designing, financing and production; social and design history and contemporary issues of American housing development, urban renewal, neighborhood structure and community facilities.
31	EN	BAEN	301	2	Biological & Agricultural Engineering Fundamentals 1	Fundamental engineering concepts related to agricultural systems including the environment (soil, water, and air), plant and animal production systems and processing, and associated machines and facilities; application of techniques for data collection and analysis to problems in biological and agricultural engineering; design of experiments and communication of experimental results.
32	EN, EC, SO	RPTS	403	1	Financing and Marketing Recreation, Park and Tourism Resources	Public sources of funding for facility development and of approaches to marketing recreation, park, and tourism services; applying knowledge to case study situations.
33	EN	WFSC	303	1	Fish and Wildlife Laws and Administration	Review and analysis of state and federal laws and international treaties and conventions affecting fish and wildlife; their application and administration; organizational structure of state, federal and international agencies; their objectives, policies and practices.
34	EN, EC	POLS	429	1	Issues in World Politics	This is an undergraduate course on conflict and cooperation in the area of international environmental politics. The course will discuss how environmental issues became a major concern internationally. After identifying today's major environmental threats, the course will examine how diverse actors, including local activists, nongovernmental organizations, advocacy networks, scientific communities, governments, private companies and international organizations contribute to international responses to contemporary environmental issues. Topics to be covered include demography, climate politics, biodiversity, and sustainable development.

35	EN, EC, SO	NUTR	430	1	Community Nutrition	Health and nutrition programs, food labeling, cultural food practices, consumer education and marketing.
36	EN, EC, SO	ENDS	101	4	Design Process	Fundamental design processes, issues and theories relevant to design resolution and the creation of new ideas; creative thought processes from the formation of ideas through incubation to final product and future impact on the physical environment and society.
37	EN, EC, SO	GEOG	202	6	Geography of the Global Village	Survey of world regions; globalization; environmental problems at multiple scales; human-environment interactions; cultural coherence and diversity; population and settlement; geopolitics; social and economic development; place identification.
38	EN	SCSC	405	5	Soil and Water Microbiology	Roles of soil and water microorganisms in the sustainability and productivity of various ecosystems with specific emphasis on plant-microbial interactions, nutrient cycling, degradation of pesticides and other xenobiotics, generation of trace gases, and soil and water quality; hands-on laboratory experience with current techniques in soil and water microbiology.
39	EC, SO	SOCI	314	3	Social Problems	Survey and exploration of causes and consequences of major social problems in American society such as poverty, unemployment, energy, alcohol, other drugs and sexual abuse.
40	SO	TEFB	471	7	Dynamics and Management in Multicultural/Inclusionary Learning Environments	This is a field-based course that studies classroom management and the social, emotional, and educational development of children; discipline and organizational strategies that facilitate learning and motivation in children; and procedures for creating an effective learning community.
41	EN	GEOG	420	4	Environmental Geology	Geologic concepts of the nature of geologic environments and the dynamics of geologic processes needed to characterize and quantify human interactions with specific geologic systems including aquifers, watershed, coastlines and wetlands; specific techniques, including geophysical and geochemical techniques, field mapping, geographical information systems and remote sensing used to monitor human-geosphere interactions.
42	EC, SO	ARCH	458	2	Cultural & Ethical Considerations for Global Practice	Issues and relationships within the cultural, business, legal and political environments of global practice; differences in the construction contract, bidding and various forms of construction.
43	EC, SO	EHRD	408	2	Globalization & Diversity in the Workplace	Assist learners in the identification and understanding of globalization and diversity issues in learning, work and community; exploration of current issues, theories, trends and policy issues.
44	EC, SO	ASIA	489	2	Race & Ethnicity in East Asia & Beyond	In American society, we often talk in terms of race and ethnicity. But these terms are not as simple as they may sound. By examining relations between majority and minority groups within East Asian societies together with the experiences of East Asian diasporas, this course aims to gain a better understanding of what is meant by race and ethnicity and how individuals and groups negotiate their racial and ethnic identities. The course is divided into three parts. Part I introduces the concepts of race and ethnicity. We will explore how race means not only apparent physical differences and how racial and ethnic categories/identities change over time. Part II asks how majorities and minorities are made and marked across cultural, regional, and national boundaries. We will examine issues surrounding major minority groups in East Asia to identify the various ways in which racial, ethnic, and national identities are defined, institutionalized, and reproduced in East Asia. Part III will turn to the analysis of East Asians outside their home countries. We will look at how racial, ethnic, and national identities – the sense of being Japanese, Korean, and Chinese – change in different social, political, and historical contexts.
45	EC, SO	HLTH	236	9	Race, Ethnicity and Health	Explore in-depth the racial, ethnic, and cultural dimensions that underlie health and health disparities; emphasis on culture, social economic status and governmental policies as they influence the adaptation of health practices.
46	SO, EC	SOCI	230	2	Classical Sociological Theory	Role of theory in sociological study; the development of classical theoretical perspectives providing the foundation for contemporary theory.
47	EN	GEOS	105	1	Introduction to Environmental Geoscience	Key concepts and generalizations of global environmental issues within an Earth systems science framework including climate change, air pollution, land and coastal degradation, water resources and pollution, and habitat loss; environmental ethics, economics and politics; environmental issues in Texas.

48	EN, EC, SO	GEOG	201	2	Introduction to Human Geography	A survey of the major systems of man-land relations of the world and their dissimilar developments; the processes of innovation, diffusion, and adaptation stressed with regard to changing relationships between people and their environment.
49	EN, EC	WFSC	304	2	Wildlife and Fisheries Conservation	Ecological principles used to conserve and manage wildlife and fisheries resources at the individual, population and community levels; topics include conservation biology, species interactions, animal-habitat relationships, population dynamics and harvesting, habitat management and restoration and human dimensions of fish and wildlife conservation.
50	EC, SO	ANTH	205	15	Peoples & Cultures of the World	The course provides students with an introduction to ethnographic inquiry and a survey of the wide diversity of human cultures. It examines dimensions by which human cultures vary, including economy and subsistence, family formation, religion, language, political structure, gender relationships, and many more. Students explore a number of different populations around the world, learning their unique customs and ways of life. These explorations and related discussions demonstrate how an understanding of culture, history, environment, colonialism, and Global Problems provide reliable anthropological perspectives about why the world is the way it is today, in particular, why there continues to be so much socioeconomic inequality.
51	SO	INST	322	9	Foundations of Education in a Multicultural Society	Historical, philosophical and cultural foundations of education emphasizing education for a multicultural society.
52	EN	ESSM	311	1	Biochemistry & Global Change	Framework for understanding biogeochemical cycles, their significance at both global and ecosystem levels of organization, and their contemporary relevance to ecosystem science and management.
53	EN	ARCH	406	3	Architectural Design V	A comprehensive design studio focused on the integration of design theory with functionally sustainable environmental and structural systems; consideration of a project from site analysis and programming through design detailing.
54	EN	GEOG	203	7	Planet Earth	The ultimate goal of this course is to provide each student with a better appreciation and understanding of planet earth. This course takes an earth systems approach to studying the planet we inhabit. All of the Earth's spheres – the atmosphere (weather & climate), hydrosphere (water in all its forms), lithosphere (earth's surface), and biosphere (living organisms (plants and animals)) – are examined in detail. The lectures and the labs explore the complex interactions between these spheres as well as how they affect (and are affected by) humans.
55	EC	GEOG	304	1	Economic Geography	Geography 304 is an introductory course in the field of economic geography. It is designed to provide students with a solid foundation in the concepts, theories and approaches on which the field of economic geography is based. This includes the location of economic activities over the earth, the distribution of agriculture, manufacturing, tertiary activities and transportation and the economic growth of areas. This disciplinary overview will be presented in the context of the contemporary world economy.
56	SO	SOCI	317	2	Racial and Ethnic Relations	Status of racial and ethnic groups such as Native Americans, African Americans, Latino Americans, Asian Americans, European Americans, and other groups in the political, economic, legal and social systems of the United States.
57	SO	RDNG	371	4	Multicultural and Interdisciplinary Literature for Middle Grades	Focuses on multicultural and interdisciplinary literature appropriate for middle grades students; implements and evaluates effective multicultural, interdisciplinary instruction through selection, use and development of literature in middle grades classroom.
58	EN, SO	HORT	335	1	Sociohorticulture	Horticulture as it relates to humans through people-plant interactions; use of horticulture to improve quality of life; awareness and appreciation of the economic, environmental, social and health benefits of plants.
59	EN, SO	ARCH	212	1	Social & Behavioral Factors in Design	Social and behavioral factors in the built and natural environment; environmental perception and spatial cognition; social-environmental processes such as privacy and crowding; setting-oriented discussion on residences, education, and the workplace; the psychology of nature and natural resource management; social design and social science contribution to architectural design.

60	EN, EC, SO	URPN	461	2	Urban Issues	The world is becoming increasingly urban. In the United States 3 out of 4 people live in urban areas, and in the rest of the world numbers are increasing. How did cities emerge? What makes cities grow? How cities work? Are they sustainable? These are introductory themes that we expect to answer in this class: the evolution and development of cities; the socio-economic, cultural and physical development of urban areas; and their contemporary problems such as, unemployment and poverty, crime, public health, racial tension, and other quality of life issues.
61	SO	HLTH	331	2	Community Health	Aspects of the community that relate to health; identification and analysis of community health programs; organizational pattern and functions of voluntary and governmental health agencies; organizing the community for health action; and coordination of school and community health programs.
62	EN	BESC	403	1	Sampling & Environmental Monitoring	Introduction to environmental sampling and methodology; strategies and analyses of sampling data; overview of current applications of sampling and monitoring in the environmental sciences; emphasis on practical aspects of sampling from air, soil and water; detection and quantification of microbial and chemical unknowns in environmental media.
63	SO	RDNG	472	1	Teaching Writing in Elementary and Middle Grade Classrooms	Focuses on multicultural and interdisciplinary literature appropriate for middle grades students; implements and evaluates effective multicultural, interdisciplinary instruction through selection, use and development of literature in middle grades classroom.
64	EN	CVEN	339	1	Water Resources Engineering	Quantitative hydrology, precipitation, hydrograph analysis, reservoir and stream routing; groundwater, Darcy equation, well equation, well design; probability concepts in design; water law; dams; reservoirs; spillways; open channel and pipe network hydraulics; pumps; urban stormwater drainage; flood damage mitigation.
65	EN, SO	GEOG	360	1	Natural Hazards	Introduction to the types and causes of natural events that pose risk to society; an examination of prevailing concepts and theories of human response and vulnerability; characteristics of natural events; natural hazard paradigms; case studies
66	EN, SO	SOCI	425	1	Medical Sociology	The relationship between society and health explores social and environmental determinants of health and illness including the decline of mortality from infectious disease and the extent to which this was due to social vs. medical factors; the prevalence of illness/mortality in various population subgroups, and why disease rates differ across groups; and the relationship between stress and health. Health behaviors focus on health behaviors and the critical evaluation of the "individual responsibility" approach to health prevention. Illness behavior and medicalization focuses on actions taken when one experiences symptoms, and the social construction of medical conditions. The discussion on medical practitioners explores the power of physicians in medicine and in society; challenges to physician dominance and autonomy; medicine as an institution of social control; complementary and alternative medicine; and the physician-patient relationship. The health care delivery system covers health care costs; increasing commercialization in the health care system; public and private financing of health care; and social, economic, and ethical issues associated with advanced health care technology.
67	EN	GEOS	401	1	Polar Regions of the Earth: Science, Society and Discovery	Overview of disciplines and topics that define modern polar science in the north and the south; includes history of the Polar Regions, polar geosciences, major polar scientific projects, and special topics; participate as individuals and teams in education, outreach and science projects. To comprehend that the earth is a co-dependent system of systems, to recognize the importance of the polar regions in the earth system, to analyze the conflicting evidence of global change and its ramifications, and to determine the role of humans in earth system change.
68	SO	ALED	313	1	Culture Theory, Orientation & Adaption	Evaluation of culture theory, elements and manifestations of culture, assessing cultural norms of society or groups, adaptation to a new culture for effective leadership.
69	EN, EC, SO	AGEC	344	2	Food & Agricultural Law	Legal principles relevant to the farm family and business; characteristics of legal decisions and rules on property rights, and fencing laws; analysis of global, national, state, and local legal issues in contracts, torts, water, pollution, and natural resources.

70	EN, SO	LAND	321	2	Landscape Design IV	The specific theme for this semester is the design of the urban landscape for the enhancement of sustainability and healthy living in its broadest sense. Overall direction for the semester is established by the objectives for the course described later. The overarching goal of the course is to gain experience in addressing typical land planning and urban design projects of a comprehensive nature in which the holistic aspects of the landscape are considered as determinants of appropriate site form relationships.
71	EN, SO	SOCI	430	2	Contemporary Sociological Theory	Basic ideas of contemporary sociological theory: structuralism, functionalism, conflict, symbolic interaction, exchange and their application to current research.
72	SO	INTS	201	4	Introduction to International Studies	Introduction to the field of international studies through examination of diverse processes of globalization; interdisciplinary survey of the social, political, economic, and cultural patterns that have defined the modern world; basic concepts and frameworks for analyzing global events and understanding the current international situation.
73	SO	COMM	340	1	Communication & Popular Culture	<p>Survey of theories and concepts of popular culture; dynamic relationships between pop culture and television, film, sports, politics and leisure.</p> <ul style="list-style-type: none"> <li>● Investigate key terms such as: culture, mass society, popular and globalization</li> <li>● Analyze how popular culture is constructed and the tools needed to study its meaning and impact</li> <li>● Articulate the role mass media plays in creating, discerning and interpreting culture</li> <li>● Identify how popular texts, images and icons can be used as tool to support or challenge cultural values and beliefs</li> <li>● What role do audiences/consumers play in creating popular culture?</li> <li>● In what ways do mass media represent, reconstruct or determine “reality”?</li> <li>● What stories do popular media tell us about race, gender, religion and our identity?</li> <li>● Is it possible to produce countercultural messages and products in a global society?</li> </ul>
74	SO	SOCI	323	2	Sociology of African Americans	Major elements of the Afro-American subculture in relation to white American society and its major social institutions.
75	EN, SO	RENr	400	1	Study Abroad in Natural Resources	Provides students with an opportunity to gain first-hand experience in natural resource management in foreign countries; focus on the interaction of public, communal and private land tenure systems with the ecological and human dimensions of rangeland management, wildlife conservation and nature-based tourism.
76	EN, EC, SO	OCNG	251	8	Oceanography	Overview of the ocean environment; interrelation of the subdisciplines of ocean sciences; importance of the oceans to human beings; human impact on the oceans.
77	EN	ESSM	301	10	Wildland Watershed Management	Elements of watershed management and principles and practices of wildland management for protection, maintenance and improvement of water resource values.
78	EN	RENr	205	2	Fundamentals of Ecology	Principles of ecology using a holistic approach treating plants, animals and humans as one integrated whole; composition, structure, nutrient cycles and energetics of biotic communities; adaptations to environmental factors; biotic relationships; and problems of environmental quality and resource use.
79	SO	AFST	206	1	Black Psychology	Critical examination of psychological experience, theories, and methods from perspectives grounded in the "Black experience." Apply an awareness of the “Black experience” as it relates to psychology; Articulate an approach to psychology that integrates the “Black experience; Compare and contrast Africentric and Eurocentric perspectives; Discuss the importance of diverse perspectives for the field of psychology.
80	EC, SO	ANTH	210	3	Social & Cultural Anthropology	This course offers an introduction to anthropological theories and ethnographic interpretations of culture and society. It aims to provide broad exposure to the uniquely human science of anthropology while emphasizing the diversity of culture throughout humankind. Topics such as culture, political systems, religion, sexuality, gender, and economics will be explored and analyzed for their diversity and similarities, using the tenets of holism and comparison. At the end of the course, students should be able to describe the discipline of anthropology and the ethnographic method; evaluate kinship, ritual, religion, politics, race, ethnicity, and history as cultural concepts; and articulate the diversity of culture that characterizes humankind with reference to ethnographic cases studied in class.

81	EN	SCSC	444	1	Forage Ecology and Management	Investigation of multidisciplinary approaches toward the development of integrated forage, livestock, and wildlife production systems that are economically feasible and environmentally sustainable.
82	SO	AFST	391	1	Psychology of Women of Color: A Multi-Cultural Focus and an Interdisciplinary Perspective	The primary goal of this course is to examine the complexities of women's diverse experiences with regard to race, sexuality, class, nationality, ability, and more in a global context. To better understand the intersections of identity and various forms of oppression. To learn about media portrayals of women and the impact of those images on how we all think about girls and women. To discover how race really is a women's issue, To learn how to apply course content to your everyday life, including possible action to create change.
83	SO	ANTH	427	1	Human Variation	Biological basis of variation in the physical features of modern humans; details of anatomical and physiological differences of living populations to understand their adaptive and historical significance; history of human variation studies rooted in the historical notion of "race."
84	SO	LBAR	181	1	First-Year Seminar in the Liberal Arts	This course will be taught as a seminar, which means that the goals of the course are to foster discussion, encourage social criticism and critical thinking, and develop lifelong habits of questioning, thinking about, and discussing social issues.
85	EN, EC, SO	RPTS	308	1	Foundations of Community and Community Development	Analysis of the elements comprising a community, community assessment techniques and community development processes engaged by stakeholders and residents to improve living conditions; definitions and principles associated with community development.
86	EN, EC	RPTS	316	1	Recreational Management of Wildlands	Management and recreational use of wild and wilderness areas and multiple use management areas; systems and techniques for dealing with management problems in outdoor recreation.
87	SO	SOCI	411	1	Social Psychology	Effects of social experience and groups on the development of personality, attitudes, values and behavior.
88	EN	ARCH	207	1	Poro-Eco-Logics	The T4T LAB will explore the ungrounding design potentials of the contemporary eco-logics in architecture and will open up provocative new lines of design inquiry beyond innocent and reductive approaches to ecology as in notions of sustainability and green.
89	EN, EC	ESSM	319	2	Principles of Forestry	Theory and practice of forestry in controlling forest establishment, composition, structure and growth; principles of natural and artificial regeneration; intermediate cultural operations; silvicultural systems; use and control of fire in forests; principles of sustainable stand management.
90	SO	COMM	335	2	Intercultural Communication	Communication variables in intercultural contexts including culture and meaning, nonverbal styles across cultures, patterns of symbolic transfer, culture shock and communication, values in intercultural dialogue.
91	SO	KNFB	322	1	Teaching and Schooling in the Modern Society	In this course you and your classmates will develop an understanding of teaching and learning in multiple settings, including school and community venues. Using reflection (a calm lengthy intent consideration) you will explore the development, structure, management and finance of modern schools: philosophical, historical, ethical, and moral dimensions of teaching; the role of schooling in a democratic society; contextual issues in schools such as race, class, gender, sexual orientation, ethnicity, language, religion, learning styles, physical abilities and culture; and teaching as a profession.
92	EN, EC, SO	HEFB	322	1	Teaching & Schooling in the Modern Society	Developing an understanding of students in multiple settings and levels; development, structure, history, finance, and management of schools in a democratic society; philosophical, ethical and moral dimensions of teaching; professional role of teacher. Explain the responsibilities of teachers and the teaching profession, including ethical behaviors. Identify the issues of racism, sexism, classism, consumerism, immigration, and social injustice as they affect children and adolescents in schools today.

93	EN, SO	ANTH	489	1	People & Cultures of Latin America	This course will introduce students to the geocultural region of Latin America, its history, cultures and peoples. While Latin America is often viewed as a monolithic block, it is in fact an extremely diverse tapestry of peoples, held together by the threads of shared history, culture and geography. Furthermore, Latin America is not an island, but a cultural region that is inseparably tied the rest of the world, its identity having been shaped by a history of European colonization, and its presence and influence growing throughout the world. Finally, embedded within Latin America there exist hundreds of indigenous nations with varying levels of integration with state-level cultures and economies.
94	EC, SO	INTS	407	1	Diversity in a Globalized World	Examination of the cultural constructs that arise through the encounters with colonialism from the conquest of the Americas to the present; cultural studies and literary analysis to identify and interrogate the common principles of human interaction in the face of cultural diversity.
95	SO	PSYC	209	1	Psychology of Culture and Diversity	Introduction to various issues surrounding an increasingly interconnected and globalized world by critically examining the dynamic relationship between psychological processes and diverse (e.g., motivation, memory, self, prejudice) socio-cultural contexts.
96	SO	AFST	209	1	Psychology of Culture & Diversity	Introduction to various issues surrounding an increasingly interconnected and globalized world by critically examining the dynamic relationship between psychological processes and diverse (e.g., motivation, memory, self, prejudice) socio-cultural contexts.
97	EN, EC, SO	BESC	481	1	Seminar	Capstone course for topics in bioenvironmental sciences; critical analysis of environmental issues through written themes and presentations. The focus of this course will be sustainable development and environmental issues in China and Capstone course for topics in bioenvironmental sciences; critical analysis of environmental issues through written themes and presentations.
98	EN	GEOL	320	1	Geology for Civil Engineers	Principles of physical and engineering geology; properties of minerals, rocks and soils; active surface and subsurface processes; applications to the siting, design, construction, operation and maintenance of engineered works and the protection of the environment.
99	SO	ALED	223	1	Practicing Diverse Leadership and Cultural Exploration	Social theories and historical perspectives of leadership, particularly in terms of class, gender, race, ethnicity, and nationality; a multidisciplinary approach to the study of leadership with a special emphasis on culture through experiential learning.
100	SO	ANTH	301	1	Indians of North America	Native North American cultures from the Arctic to Mesoamerica; their origins, cultures prior to extensive acculturation and their contemporary situations
101	SO	PSYC	315	1	Social Psychology	Social psychological variables operating on the individual; results of experimental laboratory findings; interaction of personality and social behavior.
102	EN, EC, SO	GEOG	320	1	The Middle East	This course is a survey of the regional geography of the Middle East, including the physical setting, environmental issues, urban-economic development and the historical evolution of the landscapes and cultures. Special emphasis placed on understanding the overall physical and human geography of the region and the historical backgrounds to current geopolitical conflicts (such as the Arab-Israeli conflict in the 20th century and the ongoing "Arab Spring"), as well as some of the environmental and societal issues facing the ME in the early 21st century.
103	EN, SO	SPMT	319	2	Sociology of Sport	Social institution of sport and its consequences for American society; social organization from play to professional sport; violence, discrimination, women in sport; socialization implications from participation in sports.
104	EN, EC, SO	HLTH	489	1	International Health	International Health is a three credit hour seminar designed to provide an overview of global health issues from a synthesis of historical, cultural, environmental, economic, and political perspectives. Students will be challenged to examine their pre-existing beliefs and attitudes towards global health and to consider world views other than their own about health issues and resolutions.
105	EN, EC, SO	ALED	350	1	Global Agricultural Issues	Review of global agricultural issues (products, environment, people, and culture) affecting international agricultural development; concepts and principles underlying the processes of teaching, research, and service opportunities in international agricultural development and education situations.

106	SO	TEFB	322	9	Teaching and Schooling in Modern Society	Development, structure, management and finance of secondary schools; historical, philosophical, ethical and moral dimensions of teaching; role of school in a democratic society; teaching as a profession.
107	SO	TEFB	273	1	Introduction to Culture, Community, Society and Schools	Field-based course that introduces the culture of schooling and classrooms for analysis within the lens of language, gender, racial, socio-economic, ethnic and academic diversity; the family as a partner in education and educational equality discussed.
108	SO	SOCI	430	1	Contemporary Sociological Theory	This course is designed to introduce you to and give a broad overview of contemporary social theory and important social theorists of the late 20th century. Additionally, this course provide you with the tools to read and write critically about issues such as economics, politics, race, gender, institutions, and to think critically about how these issues effect our understanding of the world and our everyday lived experience. This course will also familiarize you with frameworks of thought and terms such as critical theory, functionalism, exchange theory, postmodernism, post-structuralism, and others.
109	SO	TEFB	273	1	Introduction to Culture, Community, Society and Schools	This is a field-based course that introduces the culture of schooling and classrooms for analysis within the scope of language, gender, racial, socio-economic, ethnic and academic diversity, and educational equity. Extensive weekly field observations and participation in schools designed to analyze learning environment and content methods are an important component of the human experience in this course.
110	EN, EC	POSC	427	4	Animal Waste Management	An applied approach to current and emerging issues relating to responsible management of animal waste; the role of biological aspects and production management decisions will be evaluated in an examination of regulatory and environmental requirements; current case studies and exposure to field situations.
111	SO	LBAR	489	1	Communicating in Chile	This course is intended for students who are planning to pursue educational experiences in Chile through internship programs over the summer of 2014. To better prepare for the experience we will begin by exploring cross-cultural encounters and exchanges studying in particular verbal and nonverbal communication among global cultures, and Chilean culture in particular. We will also explore Chilean cultural, social, and political issues.
112	EC, SO	SOCI	325	2	International Business Behavior	Theoretical models and practical protocols/behavior demands to conduct business and to work in France, Germany, Japan, China, Mexico and other countries; discussion of national character, managerial and negotiating styles.
113	EC, SO	SPAN	312	1	Hispanic Culture and Civilization: 18th Century to Present	Overview of the Hispanic world, including the United States, from independence in the Americas to present; description and analysis of artistic, historical, literary, political, sociolinguistic topics. Taught in Spanish.
114	EN	GEOS	405	2	Environmental Geosciences	Dynamics and human interactions with near-surface environments including land, atmosphere and oceans through problem-based learning; interdisciplinary environmental problem topic, for example, water quality, urbanization, coastal development, or environmental pollution; geoscience techniques used for monitoring human-geosphere interaction.
115	SO	AFST	324	1	Sociology of Sport	This course will explore the structural and cultural relationship of sport to society. Particular attention will be given to issues of race, gender, sexuality, economics, and politics as they relate to sport.
116	EC, SO	ASIA	325	1	International Business Behavior	Theoretical models and practical protocols/behavior demands to conduct business and to work in France, Germany, Japan, China, Mexico and other countries; discussion of national character, managerial and negotiating styles.
117	EC, SO	IBUS	452	2	International Management	This course is a survey of the field of international management. It is divided into four parts. The first part of the course examines the global manager's environment (e.g., political, economic, legal and technological environment) as well as ethics and CSR issues. The second part of the course focuses upon the cultural context of global management (e.g., role of culture, cross-cultural communication, negotiation and decision making. Finally, the third part of the course surveys the major issues in global human resources management (e.g., staffing, training, and compensation, management development and motivation).



118	SO	SOCI	330	1	Sociology of Nutrition	Social factors affecting the kind and amount of food consumed around the world; social consequences of nutritional status for family functioning and for international development.
119	EN, SO	ALED	422	1	Cultural Pluralism in Agriculture	Selected topics on the diversity of human resources in agriculture; emphasis on working in a multicultural society and developing a sensitivity toward different cultures; explores the interrelationships between the contributions of diverse individuals and the state, nation and global success of agriculture.
120	EN, EC, SO	LAND	331	2	Landscape Construction III	Third construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design. Field trips required.
121	EN, EC, SO	ESSM	405	1	Forest Resource Assessment & Management	Integration of biophysical, economic and social factors in forest resource analysis, management planning and decision making; applications of interdisciplinary knowledge and multiple-use principles to practical forest management problems.
122	EN	ARCH	335	1	Architectural Systems	Theory and applications of building energy use, envelope design, shading analysis, heating and cooling systems, lighting design; building water supply, plumbing and drainage systems; electrical, acoustical, fire and lightning protection; life safety; transportation systems and construction materials; calculations, equipment selection, and component sizing as they relate to building design.
123	SO	RPTS	374	1	Management of Programs and Services for Youth	This course will focus on the organizational behavior, administration, and management of public, non-profit, and commercial youth programs and agencies. This course is designed to examine the foundations of management and organizational behavior in the context of youth organizations. Topics will include: ethics; organizational culture; strategic planning; capacity building; evaluation; marketing and communication; human resource management; financial resource development; and budgeting and fiscal management.
124	EN, EC, SO	URPN	301	2	Urban and Regional Planning	One of the many definitions of Planning is "a systematic, creative way to influence the future of neighborhoods, cities, rural and metropolitan areas, an entire nation and even the world" to improve the welfare and quality of life for residents in the community. Planning in this context involves making decisions and taking action related to issues that affect the entire community such as land use, transportation, housing, social services, community and economic development, environmental quality, and so on.
125	EN, EC, SO	ARCH	206	1	Architectural Design II	There will be two main semester projects: 1) Ocean Resort, the design of a futuristic eco-tourism destination, utilizing recycled materials (mainly plastics) that are currently causing widespread problems in marine environments; and 2) Dialysis Center, a small dialysis clinic to provide ongoing treatment of people with chronic kidney disorders, emphasizing conventional building materials and assemblies.
126	SO	SOCI	207	2	Introduction to Gender and Society	Similarities and differences between females and males in a number of cultures throughout the world; sociological analysis of gender in relation to social structure.
127	EN, EC, SO	ECEN	415	1	Physical & Economical Operations of Sustainable Energy Systems	Operational issues for sustainable electric energy systems; basic relevant topics in engineering, optimization and economic concepts; modular view of individual electric energy processing components; physical and market operations in electricity industry in support of sustainable energy integration; computer simulations and demonstrations to create and evaluate examples of power systems
128	SO	COMM	431	1	Rhetoric of Social Movements	Survey of events and rhetorical documents of major U.S. social movements, including abolitionist, labor, socialist, women's rights, civil rights, pro-life, gay and lesbian, and student movements.
129	EC, SO	SOCI	419	1	Social Class in Contemporary Society	Composition and consequences of social class structure; social class explanations for lifestyle patterns, educational and occupational achievements.

130	SO	WGST	481	1	Gender and Health	This course is designed to help students understand how the biological body and the social environment interact in matters of public health. More specifically, it aims to explore the reciprocal relationship between normative assumptions of gender/sex, on one hand, and health and science policy, on the other. In discussing reproductive health, obesity, prostate and breast cancer, and sexual dysfunction, we will analyze how notions of gender/sex simultaneously shape and reflect the questions health scientists ask, the methods used to answer them, and the interpretation of research results.
131	EC, SO	SCMT	340	3	Global Supply Chain Management	Extend knowledge of basic concepts of transportation and logistics to specialized situations in international business in order to understand (a) the international trade and commercial environment, (b) exporting and importing documentation and procedures and (c) operations involving international shipping and transportation.
132	EN	BESC	201	1	Introduction to Bioenvironmental Sciences	An introduction to the biological components of environmental sciences, with emphasis on the impact of the world's population on global resources; lectures by research scientists reflecting their disciplinary perspective in relevant areas.
133	EN, EC, SO	MGMT	489	1	Business Environment of BRICs	This course is designed to examine the present and future dynamics of the four emerging marketplaces: Brazil, Russia, India, and China and their impact upon the developing and developed worlds. We will first look at the general importance of BRIC countries and their position in the world. Then we will review the history and development of these countries and examine the current business environment in each of the BRICs. Finally, the third part of the course will focus upon a set of the critical issues pertaining to BRIC countries and will be dedicated to the presentations and class discussions of individual research projects on these topics.
134	EC, SO	ASIA	463	1	Gender in Asia	Gender dynamics in Asia; changes in gender roles; women's movements; women and the economy; women and politics; men's and women's private lives.
135	EN, EC, SO	ENTO	210	1	Global Public Health Entomology	Impacts of insects and insect-borne diseases on public health and well-being around the globe; insect biology, bloodfeeding, and transmission of human diseases; role of insect borne diseases on human history, socio-economic development, and public health infrastructure.
136	SO	INST	462	7	Language Acquisition & Development	Understanding of how to adapt instructional methodologies to support culturally and linguistically diverse students in the classroom. Knowledge of the foundations of ESL education and factors that contribute to an effective multicultural and multilingual environment. Knowledge of how to serve as an advocate for ESL students and facilitate family and community involvement in their education.
137	EC, SO	ACCT	450	1	Accounting Ethics	Integration of ethical reasoning, objectivity, independence and other core values into the development of a professional accountant; critical analysis of the ethical lapses which have occurred in business and the accounting profession; exploring ways to integrate ethical behavior into professional life.
138	SO	AFST	201	1	Introduction to Africana Studies	Introduction to the field of Africana Studies: interdisciplinary approach drawing from history, philosophy, sociology, political studies, literature and performance studies; explores the African foundational relationship to and connections with its diaspora populations; covers Africa, the United States, the Caribbean, Europe and South America. • Identify and discuss the main contours and major developments in Africana Studies • Recognize and challenge intellectual hegemony • Critically engage academic orthodoxies and explore alternative paradigms and theories
139	SO	AFST	323	1	Sociology of African Americans	Major elements of the Afro-American subculture in relation to white American society and its major social institutions.
140	SO	AFST	326	1	Studies in Globalization - Afro-Atlantic Religions	Understanding of key concepts and categories, including African Diaspora, syncretism, creolization, Yoruba, sacrifice, possession, and divination. Development of an understanding of religion and the black experience in the Americas. Understanding of issues related to identity and representation, history, power and politics of culture, religion and ritual.

141	EN, EC, SO	AGEC	422	2	Land Economics	Economic, institutional, and physical factors involved in the use and control of natural resources; includes elements of introductory land economics as a discipline, economic foundations of land economics, institutional influences on land use, and the effects of public policy on land use.
142	SO	ALED	380	2	Agriculture Leadership Education Development	Students will explore the concept of leadership and organizational development through the lens of culture and gender. This course will explore major concepts surrounding the implication of gender and culture on decision making as it pertains to leadership styles, interpersonal relationships, communication, and social norms. This course will examine how literature and social media influence current society's interruption of the intricate relationship between gender and culture. The course will address leadership theories and characteristics of successful leaders such as civic engagement, global accountability, and understanding of servant leadership in the context of student organization involvement.
143	EN, SO	ANTH	461	1	Environmental Archaeology	Exploration of the paleoecological context in which past humans interacted with the natural environment encompassing plants, animals and landscape; climate change, advanced method, theory and applications in paleoenvironmental reconstruction.
144	EN, EC, SO	ANTH	300	1	Cultural Change & Development	Culture and Applied Approaches to Development. 1. Cultural and Social Barriers to Development. 2. Poverty and its Cultural Consequences. 3. Integrated Nature of Extreme Poverty and the Poverty Ratchet. 4. Rural Development Approaches over Time. 5. Applied/Development Anthropology.
145	EN, EC, SO	ANTH	426	1	Anthropology of Food & Nutrition	Anthropological study of human foodways and their nutritional consequences; how environmental, biological and cultural factors interact to produce patterns of food intake, and the effects of such patterns on health, growth and fertility; examples drawn primarily from non-Western societies. Students will get a grounding in the history of anthropological theory and thought on the place of food in human societies and cultures. We will specifically examine how anthropology has approached food production and consumption, commodities in the past and present, food security, food as a human rights issue, industrial agriculture and agribusiness, and more.
146	EN, SO	ARCH	489	1	Design Build Community Service	Planning, design, pre-construction, construction & delivery of a playhouse. Students will be given a budget and basic program and will work together in interdisciplinary teams to produce the documents required, and the actual playhouse. This collaborative and interdisciplinary course revolves around the concept of high impact learning by using community service as a vehicle and combining the expertise of faculty in Architecture, Construction Science, and Landscape Architecture and Urban Planning, and students from Architecture and Construction Science. To work on an interdisciplinary team, where each member must contribute from their knowledge base to achieve a successful outcome. To engage in a project that aims to promote public interest design (design for the good of a community rather than an individual client).
147	EN, SO	BESC	204	2	Molds & Mushrooms: The Impact of Fungi on Society & Environment	Introduction to the fungi and the impact these organisms have on society and the environment; topics discussed will include: life cycles of fungi; classification schemes, pathogens of plants, animals and humans, fungi in food production; toxic fungi and the law, and others. You will be able to explain the effect of specific fungal metabolites on the environment and society.
148	EC, SO	BUSN	302	2	Ethics & Freedom	In Business Ethics and the Fight for Freedom, you will learn how to put your business knowledge to use and help end slavery in our modern world. This class will provide you the tools to be a more informed buyer and future business leader. People around the world are awakening to the issue of slavery and businesses are taking notice. As business students, we are the connecting link. This is the time to learn how to be more than a conscious consumer. It is time to become an active abolitionist by acquiring the skills necessary to help your corporation or personal business make a difference in the fight for freedom.

149	EN, EC, SO	CARC	301	1	Field Studies in Design Innovation	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs.
150	EN, EC, SO	CARC	311	1	Field Studies in Design Innovation & Communication	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs.
151	SO	COMM	460	1	Communication & Contemporary Issues: Interracial Couples	Rhetorical and other critical approaches to study how communication practices influence the construction of social issues. This class will explore the history of black-white romantic relationships in the US, the racial identity of each of the partners, and communication within the dyad. In addition, we will also have "Race-in-the-News" days where we explore issues of race in current events.
152	SO	COMM	315	1	Interpersonal Communication	Speech interaction in person-to-person settings; concepts of perception, attraction, self-disclosure, listening, and conflict management through communication; speech interaction patterns and stages in the development of interpersonal communication. This course encourages different perspectives related to such factors as gender, race, nationality, ethnicity, sexual orientation, religion, and other relevant cultural identities. The class seeks to foster understanding and inclusiveness related to such diverse perspectives and ways of communicating.
153	EC, SO	COMM	327	1	American Oratory	This is a survey course of significant American oratory; critical analysis of important speeches in their historical, political, social, and philosophical contexts. Course examines slavery, the Civil Rights Movement, women's rights, etc.
154	EN, EC	COSC	450	1	Facility Management Principles & Practices	Principles of facility management; the life cycle of a project; strategic planning; performance measurements; life cycle cost approach; building sustainability; maintenance management; and industry practices
155	EC	ECON	465	1	Contemporary Economic Issues	This course teaches students the application of microeconomic and macroeconomic analyses to evaluate contemporary economic issues. Addresses environmental, energy, environmental externalities, and outsourcing in relation to the economy.
156	EC, SO	ECON	330	1	Economic Development	A study of the less developed world; economic problems and solutions.
157	SO	EHRD	485	1	Directed Studies	A significant part of this process includes increasing students' capacity to explore how their own personal values, beliefs, and behaviors may affect their ability to interact with people from diverse backgrounds. The outcomes will require a critical and sometimes uncomfortable assessment of "self."
158	SO	ENGL	374	1	Women Writers	History of literature by women in English; emphasis on continuity of ideas and on literary contributions; study of a variety of genres with particular attention to the significance of gender in the racial, social, sexual and cultural contexts of women writing in English.
159	EC, SO	ENGL	205	1	Introduction to Africana Literature	Works, literary movements and genres of authors of African descent in the Americas, Europe and Africa. What is blackness? What roles do class, culture, gender and religion play in Africana literature and culture? How do the arts help us investigate, analyze, conceptualize, represent and understand the Africana experience?
160	EN, EC, SO	ENGR	470	1	Engineering Projects in Community Service	Project course using team approach to engage students in open-ended community service projects involving non-profit agencies; includes project management, understanding the complete design process, awareness of the customer in engineering design, and the ability to communicate effectively. Sustainability analysis includes: a. Ability to sustain the proposed changes b. Funding strategies for new solutions c. Improving product lifetime and recyclability d. Evaluate the feasibility of the proposed processes e. Life Cycle Analysis

161	EN, EC, SO	ENGR	491	1	AggieE-Challenge Program	This course is designed to provide undergraduate students opportunities to address significant interdisciplinary challenges on elements of some of the most important engineering challenges. They should learn and apply engineering concepts, principles, and approaches in multidisciplinary contexts and develop their professional knowledge and skills. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability. An ability to function on multi-disciplinary teams. An ability to communicate effectively.
162	EN, EC, SO	ENTO	322	2	Insects & Human Society	Emphasis on the role insects have played in the development of human cultures; aspects include health, food production and storage, art, music and architecture; overview of historic, present day, and future roles insects will have on environmental movements (green societies), and in underdeveloped, developing and developed societies.
163	EN, SO	ENTO	485	1	Study Abroad Program in Dominica	Learn about culture, geography, history, flora, fauna, and ecology of the Caribbean region and of the island of Dominica in particular.
164	EN, SO	ENTO	435	1	Case Studies in Problem Solving	This capstone course is designed to help students develop problem-solving skills for real world situations. Entomological systems provide excellent material for gaining experience due to biological diversity, expansive scale, and importance to environmental, agricultural, and human health issues. Students are expected to identify and provide order to the components of problem solving, develop logical arguments from different perspectives, and communicate decision-making processes as a member of a problem solving team. The scale of problem solving will extend from laboratory and field, to community, state, and national levels.
165	SO	EPFB	210	1	Family Involvement & Empowerment	Field-based course that provides information and skills necessary to work with diverse families; addresses need for positive school-family collaboration and characteristics of families throughout the life cycle, the collaboration of educators with families through the special education process, and the provision of family services through community agencies.
166	EN, EC	ESSM	317	1	Vegetation Management	Familiarization with practices that cause changes in rangeland vegetation composition for multiple uses; understanding of criteria for range improvement practices; comparison of expected responses of livestock forage production, watershed parameters and wildlife to vegetation changes following range improvements; systems concept for planning, analysis and implementation of range improvement practices.
167	EN	GEOG	485	1	Directed Study	The topic for this directed study is Greenhouse Gas (GHG) assessments. The student will conduct a hands on GHG assessment of an organization located in the College Station area according to international reporting standards, specifically the GHG Protocol Corporate Standard. The assessment will be based on actual data and provide the participating organization with a document that accounts their organization's climate change impact.
168	SO	HIST	307	1	Latino Communities of the U.S.	Hispanic or "Latino" communities of 20th century U.S.: Mexican Americans, Puerto Ricans, Cubans and Central Americans; differences in historical experiences; role of race, class, and gender; cultural identity as expressed in art, literature, folklore and religion; contemporary social, political, and economic issues.
169	SO	HIST	473	1	History of Modern American Women	Emergence of modern American women in the 1890s; examination of their history from the 1890s to the present; women as organizers, innovators, political reformers, workers, social activists, housewives, mothers, consumers and feminists.
170	EC, SO	HIST	481	1	Chicana/o and Puerto Rican Social Movements	This course takes a comparative approach to civil rights history by examining the Chicana/o and Puerto Rican social movements between the 1930s and 1970s. We will explore how these movements took shape in different regions across the U.S., the bonds formed with black and Native American struggles for equality, the role of federal initiatives like the "War on Poverty," and the multiple discourses that emerged around cultural nationalism, gender, sexuality, and racial identity. We will also examine how the changing and emerging historiography on Chicana/o and Puerto Rican struggles for equality is shaping Latina/o history in the twenty-first century.

171	EC, SO	HIST	305	1	Mexican American History 1848 - Present	Social, economic and political evolution of Mexican Americans from 1848 to present; adaptation to a harsh and isolated frontier; land tenure systems; conflict in the new Southwest; change and continuity in society; immigration and settlement of Mexicans; emergence of various political movements; current issues.
172	EC, SO	HIST	481	1	The Atlantic Slave Trade	This seminar will investigate the history, historiography and popular representation of the Atlantic slave trade—the forced migration of at least 12 million enslaved persons from Africa to Europe and the New World during 1450 to 1900. Topics to be studied include: the Old World origins of the trade in enslaved people; the rise of the demand for coerced labor in the Americas; the process of enslavement in Africa; the economics and business of slave trading; the Middle Passage; the impact of the trade on Africa, Europe and the Americas; the suppression of the trade; and representations of the Atlantic slave trade in film.
173	SO	HLTH	231	2	Healthy Lifestyles	Health issues relevant to students; included are mental health, use and abuse of drugs, human sexuality, communicable diseases, environmental and consumer health.
174	EC, SO	HLTH	634	1	Women's Health	Women's Health is designed to provide you, the student, with the opportunity to explore the health issues and health care concerns of women by identifying a broad range of health topics that are either unique to women or of special importance to women. The multidimensional roles of American women as individuals, partners, mothers, nurturers, caretakers, and career persons create a need for their health status to be of vital importance. While women and men both experience similar diseases, disorders, and causes of death, women often experience these in different forms and at different stages and ages in life. Analyze the cultural, social, economic, and political state of affairs of women's health. Determine the relationship between values, lifestyle, socioeconomic status and education in the healthcare and behaviors of women
175	SO	HLTH	334	2	Women's Health	Women's Health is designed to provide you, the student, with the opportunity to explore the health issues and health care concerns of women by identifying a broad range of health topics that are either unique to women or of special importance to women. The multidimensional roles of American women as individuals, partners, mothers, nurturers, caretakers, and career persons create a need for their health status to be of vital importance. While women and men both experience similar diseases, disorders, and causes of death, women often experience these in different forms and at different stages and ages in life. Analyze the cultural, social, economic, and political state of affairs of women's health. Determine the relationship between values, lifestyle, socioeconomic status and education in the healthcare and behaviors of women
176	SO	HLTH	222	1	Concepts in Peer Health Education	Preparation as peer educators and campus community leaders; experiential learning; includes various health topics, program development, presentation and public speaking, communication and group facilitation. Enhancing cultural competency. Learning how to educate peers about health and wellness.
177	EC, SO	HORT	425	2	Landscape Maintenance & Construction	A sustainable approach to principles and practices of grading, drainage and construction of residential and small commercial landscapes, cost and bid estimation, soil preparation, transplanting operations, control of landscape diseases and pests, maintenance of landscape areas.
178	EC, SO	IBUS	485	1		
179	EC, SO	IBUS	450	6	International Environment of Business	International business and globalization issues are increasingly important factors facing managers of U.S. based organizations. This course serves as an introduction to the global business environment, focusing upon material designed to broaden students' awareness of international markets and trends, trade and financial relationships between countries, and operational aspects of entering and conducting business in foreign markets. Concepts and principles from other business courses are applicable in this course, though they are approached from a perspective of international contexts. Corporate Social Responsibility is a focus on this course.

180	EN, EC, SO	IBUS	460	1	Academy for Future International Leaders	The overarching objective of the AFIL is to contribute to the education of students in becoming knowledgeable, globally-focused international leaders and to provide a practical, high impact experience to build and enhance leadership skills, knowledge, and experience. The weekly seminars and reflection papers assist students in gaining knowledge of and exposure to expertise and experience on current international topics that have global implications and impacts. From the region-specific seminars, students gain more in-depth understanding and insight into the cultural issues, economies, religions, and other region-specific issues that are of international significance and impact. From the International Leadership Challenge Project, students engage in a high impact learning experience and will receive practical hands-on experience in developing a project from conception through completion to build and strengthen leadership skills and abilities. From the Mentoring Program, students gain, via the relationships established with their internationally experienced mentors, important advice, insights, and information on international leadership styles and abilities that are utilized in cross-cultural interactions. These mentor relationships often result in beneficial career direction and assistance for AFIL students.
181	EC, SO	IBUS	489	1	Southern African Entrepreneurship, Non-Profit, & Business Environments	International business and globalization issues are increasingly important factors facing managers of U.S. based organizations. African markets have recently become some of the fastest growing markets in the global economy. This course serves as an introduction to the southern African business environment, the role of non-profit entities in southern Africa, and the opportunities and challenges for entrepreneurs in the region. Additionally, the course will provide a strong introduction to the history, culture, politics, economic issues, and infrastructure of the region. Each student should develop a strong awareness and appreciation of the southern African business environment. Each student should become acquainted with basic cultural, political, and economic differences that exist when comparing U.S. domestic markets with southern African markets.
182	SO	INST	310	8	Understanding Special Populations	Referral, assessment and categorization of special populations including physical, cognitive and affective characteristics; cultural, ethnic, economic and linguistic differences; giftedness; special education and compensatory programs; awareness of legislative history that results in rights for special populations.
183	EC, SO	INTS	481	1	Senior Seminar in International Studies	The purpose of this course is to equip the students with the theoretical and empirical knowledge necessary to understand the social movements, popular uprisings in the post-modern, post globalization world. In this course, we will analyze essential factors that led to the current public revolts and try to define whether current social movements are revolution or popular unrest.
184	EC, SO	INTS	489	1	Contemporary Issues in the Middle East	The purpose of this course is to equip the students with the theoretical and empirical knowledge necessary to understand the region, its culture, society and politics within the historical context. It will address set of enduring issues in Middle East international relations such as the Arab Spring, the evolving US role in the region, the Arab-Israeli Conflict, the challenge of Iran, the war in Iraq, and political Islam.
185	EC, SO	INTS	401	1	Urbanism and Modernism	Interdisciplinary examination of the transition from rural traditions to urban alienation, covering modernist currents in culture, history, politics, and society; exploration of the problems of urbanism as represented by the most renowned twentieth-century artists; study of such topics as modernist urban design, urban alienation, modernist cities, dystopia, and urbanism.
186	EN, SO	LAND	319	2	Landscape Design II	LAND 319 introduces the students to basic understanding of human-environment interactions that influence and are influenced by design decision-making. This course introduces how to design physical settings that foster social interactions, improve people's psychological wellbeing, as well as support active living behaviors. Students are also introduced to the basic design knowledge of environmental perception, human preferences and fears, way finding, cognitive mapping and restorative environments as a basis for making design decisions.
187	EN, SO	LAND	485	1	Mini Design Studio	This course will emphasize sustainability and human relationship to the environment and will concentrate on applying the body of evidence to inform the design decisions.

188	EN, SO	LAND	255	2	Design Foundations and Communications	LAND 255 begins to develop in the student an understanding of the design application involved in the creation of outdoor environments and introduces the student to the scope of the current practice of landscape architecture.
189	SO	LBAR	181	1	First-Year Seminar in the Liberal Arts	Cultural and Moral Relativism: Students will leave the class with a greater understanding of the remarkable cross-cultural variance that exists in values, morals and traditions. They will also have a better understanding of the basis for their own points of view and the cultural foundations for their beliefs. Finally, they will be better able to articulate their beliefs and defend the reasons for which they hold them.
190	SO	MODL	222	1	World Literature	This course explores literary forms from diverse periods and genres including, graphic novels about growing up in Iran during the Iranian revolution, classic Japanese tales from the 11th century, German trickster narratives from the Middle Ages, early 20th century Yiddish literature and cinema, modern Japanese manga, popular song of South Africa in the Apartheid years, Québécois drama and poetry during the Quiet Revolution, contemporary film from the Caribbean, and present-day tango in Argentina.
191	EN	OCNG	440	1	Chemical Oceanography	Chemical aspects of the marine environment; biogeochemical cycles of organic and inorganic constituents; primary productivity, the carbon dioxide system, nutrient cycles, stable and radioactive isotopes in the sea.
192	EN, SO	OCNG	489	1	Marine Pollution	This course will provide a basic background for understanding the sources and fates of marine pollutants. Different types of pollutants including but not limited to plastics, oil, and sound will be discussed. The impact of this pollution on society will be addressed. Special emphasis will be placed on the interdisciplinary nature of the topics discussed.
193	SO	PHIL	111	1	Contemporary Moral Issues	Representative ethical positions and their application to contemporary social problems.
194	SO	PHIL	489	1	Forgiveness and Reconciliation	This course will address moral and political issues that arise in the aftermath of wrongdoing. Questions we will discuss include the following: What counts as forgiveness? When are forgiveness and the refusal to forgive warranted? Can forgiveness be earned or merited by a wrongdoer in response to his or her own efforts, or is forgiveness always at the free discretion of the victim? Are any crimes, such as genocide or slavery, unforgivable? How does reconciliation differ from forgiveness? When is reconciliation warranted? How should we prioritize reconciliation against other social goals, such as criminal justice?
195	EC, SO	POLS	306	1	State and Local Government	The United States is fast becoming a multiracial, multicultural, and multilingual country. The literature is reporting that ethnic minorities are increasingly becoming a larger and larger proportion of the U.S. population and its workforce. Some data now show that Texas is a minority-majority state. These demographic changes pose a number of tremendous challenges for Texas and American society in general and the public sector in particular. The challenges for the public sector include maintaining a delicate balance between quality, human well-being and public service policy and programming, and public service delivery. Indeed, both Texas and the United States are faced with major challenges in how to grapple with diversity in all facets of life and in all institutions, including political, government, and business institutions. Therefore, it is no accident that public organizations in the U.S. are concerned about both workplace diversity and diversity in society. The concept of diversity not only takes into account race, ethnicity and gender. It also includes other ways in which individuals are different from one another, including age, sexual preference, and disability. Diversity may be viewed as differing cultures, languages, ethnicity, race, sexual orientations, religious sects, abilities, classes, ages and the origin of individuals in an institution or community.
196	EC, SO	POLS	323	1	Political Systems of Latin America	Survey of the major features of the political process in Latin America; key political groups and sources and characteristics of their political power; studies of selected countries.
197	SO	POLS	306	1	Contemporary Political Problems and Issues	This course explores the ethical dimensions of immigration. The migration of people across the globe has become one of the central phenomena of contemporary times. While this is not entirely new, many countries currently debate immigration policies with great intensity. It is not merely a policy issue with empirical facets: it also has moral and ethical ones. We will explore some of the available empirical data to then examine the normative questions that are relevant to the immigration debates.



198	SO	PSYC	300	1	Psychology of Women	Theoretical and research literature relevant to psychological assumptions about the female personality. How these assumptions are being questioned or verified by recent experimental studies.
199	SO	RELS	489	1	Studies in Globalization	In this course we will explore different forms of religious expression in the African diaspora that draw on African traditional religions. Specifically, we will focus on the transnational networks of religions that worship the West African pantheon of Orisha or Vodou/Loas.
200	EN, EC, SO	RENK	489	1	Outdoor Recreation Consortium	The purpose of the Outdoor Recreation Consortium is to provide students with hands-on exposure to outdoor recreation resources management in a major National Park facing complex challenges. It is designed to increase students' understanding and appreciation of outdoor recreation resources, the agencies managing those resources, the management strategies used, and the factors affecting management, including issues related to the nearby "gateway communities" and the park's broader environment.
201	SO	RPTS	372	1	Youth Development Practice	This course will examine the application of youth development ideals in community settings. Students will be introduced to the principles and practice of community development, review existing models, and examine current local community efforts related to community youth development.
202	EN, SO	RPTS	402	2	Park Planning and Design	This course is about people and places. In particular, it is about parks and other places where people spend leisure time. The course reviews the importance of an environmental and social ethic in planning and design, the process and products, and how planning and design of a place can influence people. You should complete the course having gained knowledge that will help you to contribute to a planning or design process and be able to critically examine various types of plans and designs. The course should provide you with a better understanding of physical and social environments and the role that parks and tourism places can play in sustaining them.
203	EN, EC, SO	RPTS	340	2	Recreation, Parks, Tourism and Diverse Populations	Review of major judicial decisions and civil rights laws on provision and distribution of leisure services in society; influence of age, disability, ethnicity, national origin, race, religion and gender on individual's preferences for particular experiences; implications of individual differences for the provision of services.
204	EC, SO	SCEN	201	1	Self-Directed Experiences with Adolescents	Study of adolescents in diverse school and community settings; issues in physical, mental, social and emotional development; issues related to racism, sexism, and cultural diversity; development, presentation, and defense of portfolio required.
205	EN, SO	SCSC	330	1	Social and Ethical Aspects of International Cropping Systems	Philosophical basis of ethical decisions; includes slavery, war, population growth, migration, farm workers, chemical inputs, genetically modified organisms, soil and water conservation and protection of wild species.
206	SO	SEFB	414	1	Methods and Issues in Low-Incidence Disabilities	This course will provide an overview of the learning and behavioral characteristics of individuals with low incidence disabilities. Students will learn to design educational environments that facilitate active participation, self-advocacy, and independence of individuals with low incidence disabilities.
207	EC, SO	SOCI	206	1	Global Social Trends	Long-term trends in world societies from ancient times to the present and to the foreseeable future; emphasis on contemporary international issues and problems, techniques of analysis and future projections.
208	SO	SOCI	489	1	US-Mexico Border Sociology	This course is designed to introduce you to sociological understandings of the US-Mexico border. This border is much more than a geographical divide established by international treaties. It has a power and a force that structures and patterns human behavior, identity, and belonging for people who live near it, cross it, locate it in their memory, and see its effects on their family and friends. It has political, social, emotional, ethical and economic components.
209	SO	SOCI	403	1	Sociology of Latinos	Exploration of social characteristics and acculturation problems of Mexican Americans in the United States; styles of life and cultural variability, social mobility, the struggle for advancement and identity through social movements.

210	SO	SPMT	482	1	Sport History	This course is a survey of the history of modern sport and sports development over time. As you participate in this course you will be given the opportunity to analyze the relationship between sport and society. You will, also, be able to examine central problems revolving around sport from a variety of viewpoints.
211	SO	SPMT	336	1	Diversity in Sport Organizations	Examine an encompassing perspective of diversity within North American and international sport organizations.
212	SO	SPMT	336	1	Diversity in Sport Organizations	This course examines an encompassing perspective of diversity within North American and international sport organizations. Specifically, the course provides students with an analysis and understanding of the various ways that people within sport organizations can differ. The course treats issues of the non-dominant, historically under-represented elements of U.S. society, with an emphasis placed on racial, ethnic, and gender issues.
213	EN, SO	URPN	201	1	The Evolving City	This course introduces students to the history of contemporary urban and regional planning, and how the evolving forms of cities and regions pose opportunities and challenges for planners. This course helps students to understand key social, economic, political, and technological forces that shape city form and function and its ramification for urban and regional planning. It covers the evolution of cities, history of planning, and contemporary issues in planning.
214	EN	URPN	325	2	Introduction to GIS in Urban and Regional Planning	Provides an understanding of GIS fundamentals; basic concepts, principles and functions; essential skills for applying GIS in various fields such as urban planning, landscape architecture, land development, environmental studies, transportation and hazard management; based on learning through class projects.
215	EN, EC, SO	URPN	301	1	Introduction to Urban Planning	Discuss multi-dimensions and multi-disciplines of Urban & Regional Planning, present theoretical and practical Urban & Regional Planning issues, explore variety of planning methods and strategies, and critique ethical and economic implications of Urban & Regional Planning domains and outcomes.
216	EN, EC, SO	URPN	485	1	Planning Methods and Techniques	The objective of this course is to provide students with the knowledge and skills necessary to understand and analyze urban and regional demographic, social and economic trends, and to understand how these trends are reflected in land use patterns. Students are equipped to anticipate economic, social, physical and ecological change in the built environment so that they may plan for the future to enhance the quality of life in cities, communities and regions.
217	EN, SO	URPN	470	1	Health Systems Planning and Policy	Analyzes health needs at community, regional and national levels; organization and supply of health services at community, regional and national levels; medical technology and its impact on health needs and system organization; medical care financing and its effects on health need and system organization; health planning for natural and human-made disasters; and service-learning for applying planning theories and methods.
218	EN, EC, SO	URPN	483	1	Studio in Urban and Regional Science	Studio introduces the confluence of ecological, environmental, economic, social, cultural, and political forces impacting the planning, design, and development of complex urban environments; site planning, design process, sustainability.
219	EN, EC, SO	URPN	201	1	Urban Form and City Planning	Introduction to the history of contemporary urban and regional planning and how the evolving forms of cities and regions pose opportunities and/or challenges for planners; understanding key social, economic, political and technological forces that shape city form and function and its ramification for urban and regional planning.
220	EC, SO	URPN	370	1	Introduction To Health Systems Planning	This course introduces students to health systems planning in the U.S. Course activities focus on strategic planning process at the community and organizational levels, different models of "health," changing values, demographics, national health policies, and many other pressures impacting health and health care in the United States.
221	EN, SO	WFSC	485	1	Study Abroad Program in Dominica	Learn about the culture, geography, history, flora, fauna, and ecology of the Caribbean region and of the island of Dominica in particular.

222	SO	WGST	300	1	Psychology of Women	The course includes attitudes about gender, theories on gender development, and research about similarities and differences between men and women. This course will cover both a theoretical and pragmatic understanding of the psychology of women. We will utilize feminist theories and ideas to critically examine the social, psychological and political implications of our understanding of women and gender. This course has been completely revamped to integrate culture into each class. Research on how each gender is viewed will now include a comparison of each gender from both paternalistic and maternalistic societies.
1	EN	BESC	402	2	Environmental Regulations and Remediation	Topics Include: Federal Regulations and Environmental Policy. 1) Introduction to Risk Based Corrective Action 2) EPA and ASTM Guidelines 3) Texas Risk Reduction Program (TRRP) 4) Remediation Technology 5) Concepts of Bioremediation 6) Bioremediation of Chlorinated Compounds 7) Biodegradation of Aliphatic
2	EN, SO	BIOL	357	1	Ecology	Analysis of ecosystems at organismal, population, interspecific and community levels. The course begins with a detailed coverage of energy flow and nutrient cycling within ecosystems and then examines various aquatic and terrestrial biomes. This is followed by an examination of plant and animal adaptations, and how these adaptations limit the organism's niche, but enhance its survival. A detailed examination of predation and predation theory follows examination of adaptations. The second half of the course focuses upon population and community ecology, and ends with an examination of biological diversity and its importance to the human population.
3	EN	CVEN	413	1	Natural Environmental Systems	Course objectives include: 1. Learn the chemical and physical principles that determine the fate and transport of pollutants in natural environmental systems 2. Learn basic methods to model the fate and transport of pollutants in natural environmental systems 3. Improve communication skills in explaining engineering materials
4	EN	CVEN	455	1	Urban Stormwater Management	This course discusses the application of hydrologic and hydraulic concepts to the analysis and design of stormwater drainage systems in urban areas. After taking this course, the students will be able to solve the most frequent storm water drainage problems found in urban areas.
5	EN	ENTO	320	1	Honey Bee Biology	Welcome to Texa 'A&M's introductory course on honey bee biology, evolution, management and preservation. This course is designed for both science and non-science major students, with honey bees used as a model organism to learn about the processes of science, biology, entomology, sociobiology, and the evolution of communication.
6	SO	HLTH	410	1	Health Programs in the Workplace	Careful examination of strategies to design, implement and evaluate exercise and health programs in worksites; including health risk assessment, marketing protocol, needs assessment, corporate culture issues, policy development, and cost-benefit analysis.
7	SO	HLTH	440	1	Contemporary Issues for Community Health	This is a preparatory course for advanced students in the Community Health Internship program. This is considered one of the "writing courses" for the division of Health.
8	EN	MASC	371	1	Inquiries in Life and Earth Sciences	Integration and connections among topics in life and earth sciences – diversity, natural selection, ecosystem development, earth's features, and weather systems; inquiry emphasizing experimental design, data analysis, and collection; use of models in the life and earth sciences.
9	EN	OCNG	251	3	Oceanography	Overview of the ocean environment; interrelation of the subdisciplines of ocean sciences; importance of the ocean to human beings; human impact on the oceans.
10	EN	OCNG	252	47	Oceanography Lab	This course is a lab based introduction to oceanography topics. After successfully completing the Introduction to Oceanography lab, students will be able to: 1) Describe the bathymetric variability of the seafloor and how to contour it. 2) Discuss the deposition and transport of sediments in the ocean. 3) Compare the different methods for determining salinity and assess which method is more accurate and precise. 4) Describe how density is determined and the role it plays in ocean circulation. 5) Explain how climate change impacts the ocean. 6) Describe how waves travel through the water. 7) Describe the effects of seasonal variability on the surface ocean and the organisms in it.

11	EN, SO	OCNG	401	2	Interdisciplinary Oceanography	Quantitative survey of interdisciplinary relationships between biological, chemical, geological & geophysical, and physical aspects of the ocean.
12	SO	PHIL	111	4	Contemporary Moral Issues	Representative ethical positions and their application to contemporary social problems.
13	EC, SO	POLS	328	1	Gloabilization and Democracy	This course examines the political and economic origins of globalization, and the consequences of globalization for developed and developing countries. We will explore why and how governments regulate the flow of goods and capital across national borders, with a particular emphasis on how the costs and benefits of economic globalization are distributed within countries, and the resulting political conflict. We will consider how domestic institutions affect economic policy outcomes, as well as how international economic integration influences domestic political outcomes. After a brief introduction to the history of economic globalization, the class is divided into three main topic areas: trade, finance and current issues.
14	SO	PSYC	300	1	Psychology of Women	This course is an introduction to the psychological issues that affect women. Topics that will be discussed include central concepts in the psychology of women, gender stereotypes and other gender biases, gender development from infancy through adolescence, gender comparisons in cognitive, social and personality characteristics, women in the workplace, women issues related to love, sexuality, pregnancy, motherhood, women's psychological and physical health, violence against women, and women's issues related to aging.
15	EN	RENr	215	14	Fundamentals of Ecology Lab	The objective of RENr 215 is to introduce students to the general principles, methods, and equipment for field-based investigation of the biotic and abiotic components of an ecosystem and their interactions, specifically: (1) Introduce the design and procedure of field ecological investigation, data analysis and report writing for quantitative description of ecosystems consisting of biological communities (interacting plant, animal and microbial populations) and their abiotic environment. (2) Acquaint students with the variety of ecosystems found in Texas, as well as a variety of species and some of their special adaptations to their environments.
16	EN	RENr	410	2	Ecosystem Management	The course focuses on concepts and practices relevant to the development of Ecosystem Management Plans at various spatial scales.
17	EN, SO	RPTS	201	2	Foundations of Recreation, Park and Tourism Sciences	This course will provide students with an understanding of the development of theoretical foundations of the recreation and leisure field. We will also examine the professional philosophy, present status, prospects for the future and the role of parks and recreation in modern society.
18	EN, EC, SO	RPTS	307	2	Methods of Environmental Interpretation	This course focuses on the communication processes and practices used to explain and interpret the special characteristics of natural and cultural resources in parks and tourism destinations for visitors. Conceptual principles for planning interpretive and educational programs, and techniques for analyzing and disseminating information through various media (personal interactions, oral presentations, exhibits, publications, and other programs) will be discussed. We will examine the delivery of interpretive messages across a variety of user groups, and strategies for programming interpretive services at leisure, recreation, and tourism sites.
19	EN	SCSC	309	2	Water in Soils and Plants	This course will address fundamental aspects of plants' need and use of water, and issues related to supply and sustainable use of that water. Discussions will focus on soil water movement and storage, transpiration and water flow in plants, and environmental and physiological control of plant water use. Further, this course will explore irrigation options including scheduling irrigation based on plant demands for water, and issues related to water quality and water policy. Laboratories are designed to reinforce key topics, and to allow students to gain practical experience in measurement and analysis of soil and plant water relations.

20	SO	AFST	345	1	Modern Africa	This course will examine selected topics in the history of Africa since 1800. The principal aim of the course is to provide students with a historical foundation for understanding contemporary Africa. Much of what is reported in the popular media about events and trends in Africa today lacks historical context and is rooted in hoary American stereotypes about Africa and Africans. In an effort to correct these misperceptions and to expand our knowledge of the people of this fascinating continent, we will examine Africa's history during three crucial periods: the 19th century up to about 1880 (that is, the period prior to the European conquest and "partition" of Africa); the colonial period (roughly 1880 to 1960); and the postcolonial or "national" period (1960 to the present). Throughout the course, emphasis will be placed on the great diversity of Africa's historical experiences over the last two centuries.
21	SO	AFST	379	1	Postcolonial Studies	Between the late 15th century and the early 20th century most of the world fell under the political and economic control of a handful of European countries. The post WWII period saw the rise of nationalism in the "third world" and the move toward independence by India and many African, and Caribbean nations. The term 'postcolonial' typically refers to the period after the end of formal colonization such as by England, France, Spain, Belgium, etc. It concerns the condition of societies and peoples after they have achieved independence, by peaceful or other means, from a colonial power. The end of formal colonial rule, however, has left unaltered or intensified certain forms of domination, especially economic and cultural ones. Further, countries such as Puerto Rico and Martinique, have not achieved independence but neither can they be thought of strictly or even equally as colonial possessions. Additionally, the United States, Africa, and Latin America--which achieved independence in the 19th century-- cannot be said to be equally 'postcolonial'. This class will introduce you to the key terms, themes and debates within postcolonial studies through a wide range of literature, film, speeches, and other documents. Its core focus is the relationship between colonization and freedom: what does it mean to have to seek and achieve freedom? What is the relationship between being free and being human? In answering these questions, we will focus on 20th century negotiations of colonial power but we will also consider the United States' own past as a colony.
22	EC	AGEC	314	1	Marketing Agricultural & Food Products	This course provides a general introduction to the marketing activities associated with the movement of agricultural products from farmer to consumer. Our course of study will examine the essential marketing functions of buying, selling, transportation, storage, financing, standardization, pricing, and risk bearing. The agricultural marketing system is vast and complicated. Its participants are as numerous as they are varied.
23	EC	AGEC	314	1	Marketing Agricultural & Food Products	This course provides a general introduction to the marketing activities associated with the movement of agricultural products from farmer to consumer. Our course of study will examine the essential marketing functions of buying, selling, transportation, storage, financing, standardization, pricing, and risk bearing. The agricultural marketing system is vast and complicated. Its participants are as numerous as they are varied.
24	SO	AGSC	301	1	Introduction to Agricultural Science Teaching	Introduction to agricultural science teaching at the secondary level; an overview of preparing teachers for a changing world including knowledge of learners, knowledge of subject matter, and knowledge of teaching within the context of agricultural science to assist students in developing a vision of professional practice for the future.
25	EC, SO	ALEC	489	1	Special Topics in Applying International Development Theories in Agriculture	Practical application of agricultural development theories (geographical, communal, societal, etc.) in real-world settings; high-impact learning, research skill development, international travel, and participation in a service-learning project with an international non-governmental organization.
26	SO	ALED	301	1	Personal Leadership Education	This course is intended for students with interests in the broad field of leadership as it is applied personally and in communities and organizations. You will gain insights into your personal leadership strengths, personality, motivations, ethics, and values. Through selfassessment and reflection, you will be able to plan a course for self-development as a leader.

27	SO	ALED	344	1	Leadership of Volunteers	Leadership of volunteers is a study of human relationships. This course is pragmatic in its approach and one that can be used in volunteer organizations no matter what your title: program coordinator/administrator, board member, paid staff, or volunteer. Class sessions will include an examination of theory (finding out), conceptualizing (taking action), reflection (examining the way we act), and application (applying what we've learned). There are high expectations of you. You are expected to attend class, take an active role in discussion, do your work with excellence, learn from each other, and apply what you've learned.
28	SO	ALED	424	1	Applied Ethics in Leadership	As a person, it is imperative to recognize an ethical dilemma. As a leader, it is imperative to lead others through those dilemmas. One way to accomplish this is to understand different ethical perspectives and moral theories. This course will not only teach you ethic and moral theories, but will give you ample application opportunities.
29	EN, EC, SO	ANTH	201	1	Introduction to Anthropology	The course explores the world and human culture from an anthropological perspective. First, we examine the development of humans and our nearest cousins, the primates. Next we examine how human cultures formed and changed through time from early hunting and gathering societies to the later development of domestication and finally the emergence of the modern technological revolution in which we are living. We will take an in depth look at many aspects of human cultures such as marriage, kinship, political organization, religions, economics, trade, art, and many other aspects that define us as humans. We will also examine the role of colonialism and the unequal relationships that existed in the past among cultural groups and why many of those inequities continue to plague the world today. Our overriding objective throughout the course will be to discuss these topics in a way that will demonstrate how an understanding of culture, history, environment, colonialism, and the global problems of today provides us with a much better perspective and understanding of why the world is the way it is.
30	SO	ANTH	410	1	Anthropological Theory	Lecture topics include: 1. Anthropology and Culture 2. Various Classifications of Theoretical Orientations 3. The Meaning of Science and the Social Sciences 4. Classical, Unidirectional Macro-Theories of Culture Change 5. Historical Reconstruction, Culture Areas, and the Diffusion of Traits 6. Contemporary Evolutionary Models of Culture 7. Cultural Ecology, Systems Ecology 8. Neo-Marxism and Cultural Materialism 9. Functionalism and Structural Functionalism 10. Neo-Functionalism and Exchange/Agency - Processual Anthropology (Economic Anthropology, Behavioral Ecology) 11. Cultural Configuration and Pattern Approaches 12. Culture and Personality/Psychological Anthropology 13. French Structuralism 14. Ethnoscience/New Ethnography
31	SO	ARAB	491	1	Research: Capstone Project	This course is designed as a semester-long research project on linguistic, cultural, historical, religious, and/or political issues pertaining to the Arab world. The research paper is a capstone project for students pursuing a minor in Arabic Studies
32	EN	ATMO	201	1	Weather and Climate	Weather and climate play a major role in our lives. This introductory level course explores our earth's atmospheric environment and the processes that produce the daily weather and the resulting climatic conditions we experience. Atmospheric composition and structure, the energy input that drives the atmosphere, pressure and wind, organized weather systems, climate classification and climate change, as well as severe and destructive weather systems are all part of this course. In-class Q&A sessions and a brief once-weekly discussion of weather conditions will be made to put the lecture's material into context and allow you to exercise newly acquired knowledge. There are no prerequisites for this class.
33	EN	BAEN	469	1	Water Quality Engineering	Nonpoint source pollution processes including transport mechanisms and contaminant fate; design of best management practices for abating nonpoint source pollution.
34	EN	BAEN	669	1	Water Quality Engineering	Nonpoint source pollution processes including transport mechanisms and contaminant fate; design of best management practices for abating nonpoint source pollution.

35	SO	BEFB	425	1	Student Teaching in Hispanic Bilingual Education	In essence, these courses are designed to enhance the student teaching experience. The goal is to fine-tune pedagogical theory and praxis. These courses allow you, the student teacher, to evaluate, internalize, and apply the knowledge that you have acquired during undergraduate studies and use this to inform teaching and practice. Furthermore, these courses will prepare you to become reflective and a problem-solver as you use research, theories, observations, and analysis to evaluate instruction effectiveness, behavior management, and best practices for working with elementary students in bilingual, dual-language, and ESL settings.
36	SO	BEFB	426	1	Effective Instruction for Hispanic Students of Diverse Abilities	In essence, this course is designed to enhance the student teaching experience. The goal is to fine-tune pedagogical theory and praxis. This course allows you, the student teacher, to evaluate, internalize, and apply the knowledge that you have acquired during undergraduate studies and use this to inform teaching and practice. Furthermore, this course will prepare you to become a reflective teacher and a problemsolver as you use research, theories, observations, and analysis to evaluate instruction effectiveness, behavior management, and best practices for working with elementary students in bilingual, duallanguage, and ESL settings.
37	EN	BIOL	300	1	Tropical Ecology, Costa Rica, Research Seminar	This course is designed to prepare students for research activities in Costa Rica, and to teach critical planning and writing skills that will be needed to conduct their research and communicate their results in writing using scientific methods and formatting.
38	EN, EC, SO	CARC	301	1	Field Studies in Design Innovation	Design innovation in international and domestic environments away from the Texas A&M University campus; emphasis on the cultural, social, economic, geographical, climatic and technological factors influencing design solutions for human needs
39	EN, SO	CARC	311	1	Field Studies in Design Communication	Design communication in international and domestic environments away from the Texas A&M University campus; emphasis on the tools, methods and techniques for design communication.
40	SO	CARC	331	1	Field Studies in Design Philosophy	Design philosophy in international and domestic environments away from Texas A&M University campus; emphasis on the historical, philosophical, cultural, social and economic factors that influence design solutions. May be taken up to two times in the same semester. This class will investigate man's understanding of the natural world and mankind's ability to manipulate it through the invention of technology. The course will examine the major figures and cultures during the course of history that influenced scientific innovation.
41	SO	COMM	210	1	Group Communication & Discussion	Definition, structure, and functions of groups; group productivity, codes in verbal and nonverbal communication; problem-solving, role-playing, decision-making; leadership and organization; interview principles and techniques.
42	SO	COMM	320	1	Organizational Communication	"Communication behavior and networks within organizations; recent research on communication systems, communication climate, and communication barriers in organizational settings" (TAMU Undergraduate Catalog). More specifically, this course is designed to provide an overview of organizational communication theory and application. We will look at contemporary organizations and apply theory to help explain various organizational activities. We will look at communication that occurs inside organizations, as well as between organizational systems and structures.
43	SO	COMM	375	1	Media Audiences	This course focuses on media audiences, research, and theory. Specifically, it examines the processes and effects of mass communication on audiences' uses of, interpretations of, and responses to mediated messages using media effects and ethnographic perspectives. Topics that will be covered in this course include political communication; news and entertainment; health and information campaigns; children, fans and other special audiences. (
44	SO	COMM	410	1	Radio, Records, and Popular Music	This course provides an overview of the technologies, markets, and cultures developed in the intertwined histories of the radio and record industries in the U.S. It addresses research and theory in popular communication, media industries, and music studies.

45	SO	COMM	446	1	Theories of Communication	Organizations influence all aspects of society (e.g., neighborhoods, family, work, governance, entertainment, healthcare). By offering an understanding of the many relationships between organizing and society, this course aims to help us better navigate our civic, familial, and personal duties and prepare us to help manage the organizing in which we will find ourselves.
46	EN, SO	COMM	450	1	Media Campaigns	This course involves the principles of designing media campaigns and advertising as applied to health, crime, and the environment—as well as processes that drive the planning and execution of these campaigns. This course begins with a review of campaign, marketing and advertising basics, including goals, theory, persuasive elements, design, and implementation. It follows with an exploration of media campaigns and advertising in different domains, including health, politics, the environment, and crime.
47	SO	COMM	452	1	Cultural Studies of Communication Technology	This is a writing- and reading-intensive, inquiry-based course that examines the socio-cultural implications and popular representations of media technology within a historical framework. This is an advanced-level course open to students with junior or senior classification, and it is expected that you have a firm grounding in media and communication theory. In this class, we will first explore various philosophies and theories of technology with an emphasis on the notion of “technological culture.” We will next examine how a range of technologies that emerged during the modern era, including the telegraph, the telephone, radio, film, and television have provoked ambivalent and complex attitudes and reactions as they have been integrated into everyday life. The final section analyzes new media in the context of these prior historical narratives. Throughout the course we will consider the utopian and dystopian discourses of technology that have infused popular media and see how technology is constitutive of forms of power and knowledge. Understanding “old media” will enable us to properly situate and critically examine the implications of “new media,” such as the Internet and cell phones.
48	SO	COSC	381	1	Professional Ethics in the Construction Industry	Professional Ethics in the Construction Industry. (1-0). Credit 1. Principles of ethical behavior in preparation for a professional internship with a construction or construction-related company; various construction company case studies emphasizing: personal accountability, integrity, moral courage, individual, association and company codes of conduct; accepted business practices, decision making, company cultures, peer pressure, public opinion and work ethic. 1.0 Credit hours 1.0 Lecture hours Prerequisites: Admission to upper level in Construction Science
49	EN	COSC	440	1	Interdisciplinary Capstone	A senior capstone for students preparing to enter the design-build sector of the construction industry; integration of the design and construction processes into a single, cohesive project delivery system, starting with project inception, and carrying through construction, operation and maintenance of various types of construction projects. Demonstrate understanding of evolving industry issues/practices; such as, Lean construction, BIM, and sustainable construction.
50	EN, SO	CVEN	207	1	Introduction to the Civil Engineering Profession	This course is designed to help introduce you to the civil engineering profession and integrate you more fully into our departmental community. We will host guest speakers who will discuss their work, the sub-disciplines within civil engineering, and other relevant topics; many of these speakers graduated from our program within the last 5 years. The speakers, and the accompanying assignments, will help you understand how engineers spend their time and what you should be doing now to ensure success both as an undergraduate and in your future career
51	EN	CVEN	349	1	Civil Engineering Project Management	Basic elements of management for civil engineering projects; roles of all participants in the process - owners, designers, contractors and suppliers; emphasis on contractual aspects of the process, estimating, planning and controls.
52	EN	CVEN	424	5	Civil Engineering Professional Practice	Professional practice issues; current civil engineering issues that impact design, construction, and operation of civil engineering facilities; developing engineering solutions that better serve society; business and public policy concerns; life-long learning; problem solving; professional licensure.



53	EN, EC	ECON	412	1	Public Finance	Topics include: 1) Principles of policy analysis, 2) public goods, 3) Externalities, 4) Public Choice 5) Poverty, Inequality, and Redistribution 6) Analysis of Welfare Programs 7) Social Security 8) Health Care Issues 9) Principles of Tax Analysis 10) Deficit Finance 11) Federal Income Tax 12) Federal Tax Reform
54	EC, SO	ECON	418	1	Economics of Labor	Labor markets are important: compensation of employees comprises about 65% to 70% of national income, and most everyone participates in the labor market at some point, often for 40 or more years. We begin with a simple economic model of labor supply and labor demand, and develop its logical implications. We then consider richer details that help account for the many labor market phenomena apparent from inspection of the data. The course will introduce you to many sources of labor market data and to current research on a variety of topics in labor economics.
55	SO	EDCI	489	1	Special Topics ESL Field Experiences	Teaching English in Dante Scuola Media English instruction for limited-English-speaking proficient students. Practice interacting with EFL students through field experiences in Italy;; familiarize themselves with teaching methods for ELL students; learn how to incorporate assessment into day-to-day instruction in teaching ELLs; reflect on the field experience and note growth as a pre-service teacher.
56	SO	EDCI	673	1	Analysis of Teaching Behavior	This course is designed to facilitate the exploration of strategies employed to observe and to reflect on classroom teaching behaviors. Research results that form the basis for a definition of "effective teaching" will be identified and emphasized throughout the course. Students will have opportunities to (a) develop research questions about teaching and learning, (b) examine and critique existing teacher observation systems, and (c) develop an observation instrument for use in analyzing teacher behavior.
57	SO	EHRD	303	3	Foundations of Human Resource Development	Provide students with an overview of the discipline and practices in the field of Human Resource Development. There is a deliberate focus on how individuals and groups learn and interact with organizations including motivation, group dynamics, system theory, organizational culture, learning and change.
58	SO	ELID	100	3	American Customs and Culture	The purpose of this course is to explore American culture and customs as expressed in various facets of American society, such as drama, sports, art, and music. TAMU students from other departments participate weekly in discussions, and this classroom partner participation is integral to the curriculum. This exchange of cultural ideas provides both parties with invaluable insights into the diversity of the world in the 21st century.
59	EN, SO	ELIL	200	2	Intermediate Listening	To prepare students to fully participate in an interactive ELI classroom by focusing on the key skills and strategies needed for meaningful academic discussions and accurate listening and note taking, and by supporting students in development of student and technology skills
60	EN, EC, SO	ELIL	300	2	Advanced Listening	This laboratory course emphasizes comprehensive note-taking and listening strategies. Students learn to recognize, in context, the more precise and sophisticated lecture styles used in most university classes. Emphasis is given to developing prediction strategies.
61	EN, SO	ENDS	481	1	Seminar	Presentations by and discussions with professionals representing specialty areas related to environmental design; career and academic objectives.
62	EN, SO	ENGL	219	1	Literature and the Other Arts	The course explores the aesthetic intersections of literature and the visual arts through the idea of bricolage (French for "tinkering"): making creative and resourceful use of whatever materials are at hand. Bricolage, in short, is the "art" of recycling. In an age concerned with sustainability—of the natural environment, of green architecture, of planned obsolescence—art offers creative models of recycling, reuse, and adaptation. From the avante-garde experiments of Surrealism in the early 20th century to contemporary Trash Art, artists have revived what is considered garbage or waste into raw materials for creative expression. Art, then, is aesthetic and political. Our particular focus will be on the "aesthetics of the everyday": art as recycling (i.e., collage, assemblage, found art, and fiction) and adaptation

63	EC, SO	ENGL	228	1	American Literature: Civil War to the Present	Given its tremendous racial and ethnic diversity, and the political twists and turns of its rise from British colony to superpower, America is an endlessly complex and unpredictable nation. The way this complexity and unpredictability resolved itself during and after the Civil War is either the subject or the precondition of most of the works of literature we will read in this course. The pre- and post-Civil War social significance of race, class, and/or gender, for instance, play powerful roles in such texts on our reading list as <i>Crazy Brave</i> , <i>Sula</i> , <i>The Bell Jar</i> , <i>The Big Sleep</i> , and <i>Death of a Salesman</i> .
64	SO	ENGL	313	1	Medieval English Literature	This course explores the language and literature of medieval England (roughly from 449-1500) in their historical and cultural settings, with special attention to the connections between language, literature and the arts. Some readings will be in translation, others in the original Middle English. No initial familiarity with Old or Middle English is expected.
65	EN, EC, SO	ENGL	338	1	American Ethnic Literature	Students in this course will read and discuss a wide variety of literary works by American writers of different racial and ethnic origins. Major themes explored include double consciousness, cultural hybridity, critical whiteness, passing, immigration and assimilation, exclusion and marginalization, geographical and psychological displacement, and environmental injustice.
66	SO	ENGL	474	1	Studies in Women Writers	This course will examine the characteristics of the memoir genre, exploring the ways in which 20th - and 21st - century American women writers variably represent selfhood. Because the memoir arguably moves beyond the representation of the autonomous autobiographical self to the historical events and people as well as the cultural ideologies (i.e., of gender, sexuality, race, ethnicity, and nation) that construct and contextualize identity, this course is particularly interested in the "relational" nature of identities.
67	EN, SO	ENGR	491	1	Aggi-E Challenge	This course will provide undergraduate engineering students opportunities to collaborate on multidisciplinary team projects related to engineering challenges facing our society. These include, but are not limited to, the 14 Grand Challenges for Engineering by the National Academy of Engineering and Engineering World Health
68	EN	ENTC	206	8	Nonmetallic Materials	Learning objectives include: Be able to define, recognize, and describe common non-metallic materials (polymers, composites, ceramics, and semiconductors) concerning their properties, manufacturing processes, and typical applications. To understand the environmental impact, life cycle assessment, and carbon footprint of a product.
69	EN	ENTC	361	2	Product Design and Solid Modeling	Design processes and methodologies including: quality function deployment, materials and process selection, and design for manufacturing and assembly; fundamentals of modeling part geometry and mechanical assembly using parametric CAD software.
70	EN,EC, SO	ENTO	315	1	Biotechnology and Society	There are a number of courses on campus that deal with the scientific mechanics of biotechnology; for example, how to make a transgenic plant or manipulate a virus. These require a solid biochemistry and molecular biology background. There are also courses in Bioethics that cover a wide range of topics as well as Economics and Business programs that offer many courses and options. Communication and Education programs have courses that address how to deliver a message. The Biotechnology and Society Course represents an attempt to integrate some aspects of all these topics and angles, with Biotechnology in general forming the background.
71	EN, SO	ENTO	423	3	Medical Entomology	Biology, disease relationships and control of insects and other arthropods parasitic on or in humans are described and discussed in lecture sessions, within the context of this information being an important aspect of the fields of clinical and preventive medicine. Survey, collection, taxonomy of medically important arthropods and molecular biology applications are emphasized in the laboratory sessions. The course objectives are to familiarize students with the arthropod groups involved in the causation and/or transmission of diseases affecting human and sometimes other animal health, with key morphological characteristics, habits and habitat needs of the various life stages of each group and/or species of arthropod being emphasized. The laboratory class will focus on the identification of immature and adult specimens of arthropod species of medical importance to be covered in the course. Students will also be introduced to the use of molecular biology applications to medical entomology

72	SO	EPSY	320	1	Child Development for Educators	This course is designed to provide an overview of the research and theory on child development. Students examine various aspects of development through the lens of cultural and ethnic diversity. They will compare and contrast how children from various cultures proceed through the development experience.
73	EN	ESSM	102	1	Introduction to Natural Resources and Ecosystem Management	Introduction to natural resources and ecosystem system approach to wildland management; survey of the field of natural resources and related industries.
74	EN, SO	ESSM	314	1	Rangeland Management around the World: Principles and Practices	Rangeland management around the world will present an overview of rangelands; the history of their management, the many different kinds of rangelands (climates, soils, plants, animals, and products), and the management strategies and practices used to restore degraded rangelands and maintain healthy rangelands to produce the goods and services desired by society.
75	SO	EURO	442	1	The Twentieth Century Russian Novel in Translation	This course will survey all of the important Russian novels from the beginning of the twentieth century to the end of Stalinism. Taught in English, this course has no requirements. Students of Russian will read excerpts of originals (available at Notes 'N Quotes). The course will treat a variety of topics relevant to the twentieth century, such as the city in Russia's consciousness, dystopia, revolution, Russia's contributions to the European avant-garde, literature about the Gulag, censorship, Socialist Realism, writing for the "drawer," Aesopian writing, "internal" exile, the "Thaw," and much more
76	SO	FILM	394	1	Studies in Genre: Social Problem Films	This course links the history of American society and culture since 1877 with the study of American films which address social issues and trends. Students will examine primary sources on subjects ranging from the social and political thought of major intellectual figures to the more popular mind-set projected by motion pictures. Assigned secondary sources provide scholarly interpretations of the changing social-cultural landscape (including film) since the late 19 century.
77	SO	FILM	489	1	Gender and the Horror Genre Seminar	Have you ever noticed how certain genres are associated with certain sexes or with people of certain sexual orientations? Why would it be that straight men are associated with and action movies, gay men with musicals, straight women with melodrama or romances, lesbians—perhaps more obscurely—with gothic romance? The reasons may seem simple... at first; however, the more one looks at them, the more complex (and contestable) these associations can be. This seminar will allow us to explore and analyze the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity. We will focus on the horror film as it has been used to allegorize struggles related to male and female subjectivity and hetero and homosexual desire, asking ourselves if horror allows people, at a pop-cultural level, to address the deepest and most profound fears and fantasies associated with their gender concerns and sexual identities
78	SO	FREN	201	1	Intermediate French	Francophone culture and society in the United States, in Quebec, in the Caribbean and in West Africa as we build vocabulary pertaining to Personal Relationships, City life, Media, Justice, Politics, and Social changes, review grammatical structures contextually, and learn a new tense, le plus-que-parfait, needed to create chronologies and stories in the past.
79	SO	FSTC	300	1	Religious and Ethnic Foods	Understanding religious and ethnic foods with application to product development, production, and nutritional practices; emphasis on different cultures, food rules and priorities with attention given to different religious and ethnic groups within the US and around the world.
80	EN, SO	GENE	420	2	Bioethics	The purpose of this course is to explore the scientific basis and ethical issues raised by the use of genetic, genomic, and biochemical technologies for biomedical, agricultural and environmental applications.

81	EN, SO	GEOG	202	2	Geography of the Global Village	Introductory course in world regional geography that surveys the human and physical diversity of our planet. Earth is the home of all humanity, hence the global village, and therefore it is essential to understand both cultures and ecologies that mediate our existence and how we construct our worlds. Geographers often focus on the human—environment relationships, which includes many elements such as the building of a house, planting of crops, the design of a city, and the organization of society. When geographers look at the world, they see peoples (anthropogenic differences), unique examples (places), similarities (regions), and patterns (spatial variations). In addition, globalization is changing the world and our relationships with other people, places and perhaps the planet
82	EN	GEOG	324	1	Global Climatic Regions	Climatological processes and their consequences for spatial distributions of climates; survey of earth's climates; relationships among climate, landforms, vegetation, soils and humans
83	EN, EC, SO	GEOG	325	1	Geography of Europe	Europe is a dynamic region with a long history and complicated geography that has been crucial to the development of western civilization. This class will cover the geography of Europe including the physical characteristics of the region (including geomorphology, climatology and biogeography) and the cultural and economic aspects of the region. Emphasis is placed on understanding general geographic concepts with emphasis and examples drawn from Europe.
84	EN, SO	GEOG	450	1	Field Geography	Field geography is a unique course that compliments the geography curriculum by engaging students in real world situations. Students have the opportunity to apply their knowledge of previously learned concepts and ideas, and students are introduced to the equipment, terminology, and techniques of working in the field.
85	EN	GEOL	101	9	Principles of Geology	This course explores the nature of the Earth and the geologic processes that shape the Earth through time.
86	EN	GEOL	320	1	Geology for Engineers	The course designed to begin to develop knowledge of geologic materials, processes and risk required to properly design, construct, and operate infrastructure for society. In many ways it is a very personal course because I worked as a civil engineer and managed engineered system long before I received formal education in geomorphology and geology.
87	EN	GEOS	470	1	Data Analysis Methods in Geosciences	The student will be taken from conceptualization of a scientific problem, data collection and processing, to appropriate analysis techniques, and finally to data archiving and management. The approach is multi-disciplinary with emphasis on real-world applications from environmental, atmospheric, and oceanographic sciences.
88	SO	HEFB	450	2	Student Teaching	Students experience a practicum in an accredited public school classroom where techniques of instruction are developed for identified teaching field(s). Implementation of appropriate instructional strategies for assigned student population is observed. Students demonstrate appropriate use of humor and enthusiasm, dresses and conducts self in a professional way; accepts and responds to constructive criticism; establishes a climate of courtesy/respect and respect for diversity.
89	EC, SO	HIST	210	1	Russian Civilization	HIST 210 introduces undergraduate students to the mainstreams of Russian civilization over the past thousand years, from Christianization of the Rus to the challenges facing the Russians in the 21 century. Attention is paid to geography, ethnography, society, politics, economics, culture, st science, and religion. Particular attention is given to the influence of history on contemporary Russia and its future prospects. Lectures focus on the influence of the Byzantine Empire and Eastern Orthodox Christianity, the impact of Mongol conquest and domination, the rise of Moscow's grand princes and tsars, the formation and expansion of the Russian empire, the reforms of Peter the Great, the burdens of serfdom, Catherine the Great, Napoleon, Nicholas I and Alexander Pushkin, the abolition of serfdom, capitalism, socialism, revolution, Lenin and the Bolsheviks, NEP, Stalin, Collectivization, the Great Patriotic War, Khrushchev, the Cold War, Gorbachev and the break-up of the USSR, Yeltsin's Russian Federation, and Vladimir Putin.

90	SO	HIST	221	1	History of Islam	The aim of this course is to introduce students with little or no prior knowledge in Islam to some of the main themes in Islamic history and civilization from the time of Prophet Muhammad (ca.600 C.E.) to ca. 1450 C.E. We will proceed chronologically and thematically with focus on political, religious, social and cultural events of significance. Our goal is to establish an overview of the history of Islam from its beginnings up to 1400 C.E. with a focus on changing interpretations of concepts in different polities and societies. Our goal is to observe, evaluate and think critically about the formation of the Islamic tradition as well as its transformation over time across different regions and cultures, alongside its interaction with other world religions.
91	SO	HIST	234	1	War and European Society	This course will provide a survey of the relationship between war and social change in Europe from the end of the Middle Ages through the early 21st century. The outline of lectures is based on the premise that the ways in which a society makes war reflect structures within that society. We can only understand war by looking at the societies that engage in them just as we can only understand those societies by examining how they prepare for and make war.
92	SO	HIST	280	1	The Historian's Craft	HIST 280 is designed for those students majoring in or thinking about majoring in history and anyone interested in pursuing an advanced degree. In this course, we will consider the role of history and historians in our society and examine what historians do, why they do it, how they do it, and the relevance of all of this to our society. In particular, we will learn how scholars identify important questions related to a specific historical problem and also the skills they use to write about their varied topics (identifying relevant primary and secondary sources, analyzing evidence, discussing it with others and constructing an argument based on it.)
93	SO	HIST	280	1	The Historian's Craft	The course will cover history of the foreign involvements in Vietnam in the twentieth century as well as Vietnamese internal conflicts that contributed to these wars. It will consider origins and development of hostilities, wartime societies, culture, collaboration, resistance, colonialism, nationalism, and the outcomes of the wars. The course will also address effects of the war on the United States as one of the major players in the armed conflicts in Vietnam.
94	EC, SO	HIST	300	1	African American History	The purpose of this course is to introduce students to the history of African Americans before 1877. This course will examine and place African American history within the context of important social, economic and political issues.
95	SO	HIST	308	1	History of American Indians in the U.S. South	This course examines the central role of indigenous populations in the history and formation of the U.S. South. Beginning before contact, we will investigate how Native peoples shaped the natural and social history of the region according to their own cultural values. We will consider the era of European exploration in the area and study the impact these initial forays had into the early cross-cultural history of the South. We will move through the colonial period, paying attention to the role that indigenous and African slavery played in shaping both the economic and cultural textures of the region. We will study the rise and fall of the southern deerskin trade and the involvement of southern Indians in the various imperial wars that racked the area leading into the American Revolution. We will investigate the rise of the New Republic and the impact of the new federal Indian policy on Indians in the South, leading ultimately to Indian Removal. We will consider the involvement of southern Indians in the U.S. Civil War and Reconstruction, as well as their roles in the rise of the New South. Finally, we'll study the involvement of indigenous southerners in the rights movements of the mid-twentieth century and consider the cultural representations of "Indianness" that continue to haunt the South.
96	SO	HIST	343	1	Inter-American Relations	This course provides an overview of the history of relations between countries in the Western Hemisphere, with a particular emphasis on the Cold War. Over the years I have discovered that this is a subject that students are generally uninformed about, so be prepared to set your preconceptions aside and enter wholeheartedly into the unpredictable process of following the evidence where it takes us.

97	SO	HIST	345	1	Modern Africa	This course will examine selected topics in the history of Africa since 1800. The principal aim of the course is to provide students with a historical foundation for understanding contemporary Africa. Much of what is reported in the popular media about events and trends in Africa today lacks historical context and is rooted in hoary American stereotypes about Africa and Africans. In an effort to correct these misperceptions and to expand our knowledge of the people of this fascinating continent, we will examine Africa's history during three crucial periods: the 19th century up to about 1880 (that is, the period prior to the European conquest and "partition" of Africa); the colonial period (roughly 1880 to 1960); and the postcolonial or "national" period (1960 to the present). Throughout the course, emphasis will be placed on the great diversity of Africa's historical experiences over the last two centuries.
98	EN, SO	HIST	363	1	The History of Science	The course examines the growth of the physical and life sciences from colonial times to the present. Discussion will focus on the major contributions of scientists and the spread and impact of their ideas on society.
99	SO	HIST	369	1	United States, 1820-1860	This course examines two major events that shaped the antebellum American republic (1815- 1865). The first is the Age of Jackson, a period that begins with a strong tide of national sentiment and the emergence of a nation transformed by market culture and bourgeois freedom and ends with a resurgence of sectional and states' rights feelings and the establishment of a slaveholding republic. The other critical event of this era is the Civil War, an enormously complex event that reinvented America politically, constitutionally, socially, and culturally. This course explores the story of American freedom and identity and places particular emphasis on the contested and changing character of ideas about liberty and citizenship.
100	SO	HIST	371	1	America in the Gilded Age	Americans alive during the years between 1877 and 1901 experienced some of the most dramatic shifts in U.S. history. At the beginning of the Gilded Age, the country was largely rural, agricultural, and ethnically homogenous. Less than half a century later, it was industrial, urbanized, and ethnically diverse. In other words, during this time, the United States emerged as a modern nation. America entered the world stage as an imperial power, experienced an unprecedented wave of immigration from Europe and Asia, and witnessed the rise of cities that were far beyond the imagination of any of nation's founders. All of this altered the cultural and political landscape of the United States unlike anything that had preceded it. This course considers the wrenching social, political, cultural, and economic transformations that accompanied the second industrial revolution. Americans continue to grapple with these issues today, and we will explore parallels between the Gilded Age and our contemporary era over the course of the semester.
101	SO	HIST	411	1	Russian History 1801-1917	The purpose of this class is to provide an understanding of the historical and related social, cultural, economic and political processes that led the peoples of Russia into revolution in 1917. We will study the last century of the autocratic Romanov dynasty and the social, intellectual, economic and political forces that ended it. The emphasis will be on political culture, society in transition, international affairs and revolutionary groups in an era of reform, counter-reform, reaction and modernization.
102	SO	HIST	419	1	European Intellectual History	Western thought from the founding of universities to the emergence of 17th -century rationalism. The course rethinks the origins of modern philosophy, normally seen as the work of a group of magisterial 17th century thinkers, as an evolutionary process emerging over the course of six centuries, radicalized by the religious and cultural revolutions of the 16th century
103	SO	HIST	420	1	European Intellectual History from 1700 to 1900	H-420 is a political and social history of selected major figures and important movements in political theory, art and literature, philosophy, sociology, and economics from the Eighteenth through the Nineteenth centuries.

104	SO	HIST	451	1	History 451 - 500	This course focuses on the basic history of the American South from 1863 to the present. Emphasis will be given to how and why the South and southerners changed over time. Among the goals and objectives are for all students to understand how and why the South was and was not like the rest of the United States and the countries on its borders, what caused change or the absence of change, and what influenced the particular path to the present of all southerners.
105	SO	HIST	460	1	American Society and Culture Since 1877	This course links the history of American society and culture since 1877 with the study of American films which address social issues and trends. Students will examine primary sources on subjects ranging from the social and political thought of major intellectual figures to the more popular mind-set projected by motion pictures. Assigned secondary sources provide scholarly interpretations of the changing social-cultural landscape (including film) since the late 19 century.
106	SO	HLTH	231	1	Healthy Lifestyles	This course will examine health issues relevant to college students. Areas of focus will include: finding the right balance of wellness and dimensions of health; creating healthy and caring relationships; avoiding risks from harmful habits; building healthy lifestyles; preventing and fighting disease; and facing life's challenges.
107	SO	HLTH	332	1	School Health	The course includes information on the six categories of risk behavior identified by the Centers for Disease Control and Prevention. It includes the objectives for Healthy People 2020, how to access CDC School Health Guidelines to Promote Healthy Behavior Among Children and Adolescents, and a discussion of the Safe and Drug-Free School Program. It examines the eight components of a coordinated school health program and the National Health Education Standards. State-of-the-art information is provided on school health services, a healthful and safe school environment, the comprehensive school health education curriculum, and instructional strategies and technologies. A review of the ten content areas of health is included.
108	SO	HLTH	334	3	Women's Health	Women take on numerous roles in their lives such as scholars, leaders, mothers, nurturers, professionals. These roles require tremendous responsibilities which can affect their health status in multiple ways. By actively participating in this course, you will learn various health needs and health care concerns that are either unique or of special importance to women.
109	SO	HLTH	342	2	Human Sexuality	The course will focus on three primary goals: enhancing knowledge, increasing comfort, and facilitating communication about sex. The success of this course will be achieved in the students' ability to translate what one knows intellectually into the realm of personal relationships. Students should learn to choose what is responsible and right for them. A healthy respect should be gained for the differences among individuals and their perspectives.
110	SO	HLTH	353	1	Drugs and Society	HLTH 353 will cover the use and abuse of drugs in today's society including the physiological, sociological, and psychological factors involved. B
111	EC, SO	HLTH	403	1	Consumer Health	This course addresses a comprehensive overview of issues associated with being a wise consumer of health products and services. More specifically, this course provides consumers with the knowledge and skills necessary to make informed health decisions in contemporary society
112	SO	HLTH	403	1	Consumer Health	Selection, evaluation and understanding of health information, medical services, advertising of products and socio-cultural factors in consumer health protection. Prerequisite: Admission to the professional phase of program.
113	EN	HORT	308	4	Landscape Plant Materials	Landscape Plant Materials. (2-2). Credit 3. II. Identification and use of indigenous and introduced landscape plants; plants for special uses in urban environments; emphasis on plants' ornamental attributes, cultural requirements, and adaptability in urban and suburban environments.

114	EN, EC	HORT	315	1	Issues in Horticulture	The course describes and analyzes factors that impinge on modern horticultural systems, including technological, environmental, economic, societal and ethical issues. While a brief overview of current practices and technical background information is presented, the focus is on critical issues that are affecting managerial decision-making in horticultural operations and how graduates can prepare themselves to function in a continuously changing business environment.
115	EN, EC, SO	HORT	440	1	International Horticulture	The course will examine the origin of most common and less common horticultural commodities, the social/economical aspects related to their cultivation, and the issues associated with their international trade. The course will also provide an overview of garden styles and features through ages and civilizations.
116	SO	HUMA	303	1	Near Eastern Religions	This course introduces students to the vital role of religion in human experience by exploring literary, historical, cultural dimensions of religion, texts, patterns of belief, and related ritual and ethical practices. In this academic introduction to religion, we will be concentrating on Zoroastrianism, Judaism, Christianity, and Islam through the lenses of history, culture, and literary approaches.
117	SO	INST	301	4	Educational Psychology	In INST 301 Educational Psychology, we will examine theory and research that has direct implications for educational practice and some of the educational applications that have developed from this theory and research.
118	EC, SO	INTS	205	3	Issues in International Studies	This course provides students with a diverse exposure to the issues and questions discussed in the broad field of International Studies. It will give students exposure to noted international academics and professionals. Students will be expected to attend discussion sessions, as well as lectures and events within the course of the semester and provide a written reaction paper to each.
119	SO	INTS	481	1	Genocide and the Trials of History	This course will focus on Genocide in the Twentieth Century, its representation and understanding, and legal efforts to come to terms with it. We will also study the political regimes responsible for these crimes and examine notions of racism, nationalism, and totalitarianism. The regimes we will consider in this course are Nazi Germany; Vichy France; the Stalinist Soviet Union; Khmer Rouge Cambodia; and Rwanda. The trials on which we will focus include the Soviet trials of the 1930s, the Nuremberg trials, the Eichmann trial in Jerusalem in 1961, the French trials Course materials include films, novels, essays and historical works.
120	EC	ISYS	209	3	Business Information System Concept	Introduction to the use of computers in data and document management and as a problemsolving tool for business; fundamental concepts of information technology and theory; opportunities to use existing application software to solve various business information systems oriented problems. May not be used to satisfy degree requirements for majors in business.
121	SO	KINE	198	97	Health & Fitness Activity	Health and Fitness Activity. Half lecture; half activity; student choice of designated fitness or strength related activities; lecture portion covers current health topics. This course is designed at an introductory level to cover relevant health and fitness topics. The lecture portion will cover current health issues including mental and physical health, nutrition, human sexuality, communicable and non-communicable diseases, use and abuse of drugs, and safety.
122	SO	KINE	199	2	Water Aerobics	Provide the opportunity to evaluate own physical fitness level. 2. Provide the opportunity to improve own physical fitness level through water exercises, water walking, and water running. 3. Develop the ability to prepare a personal fitness program using water exercise as the primary fitness activity
123	SO	KINE	285	1	Learning Community	The purpose of this course is to increase student academic achievement/retention and direct professional development/growth through specific academic skills development, involvement in group study sessions, extracurricular activities and group support. This includes enhancing diversity awareness through attendance of International Appreciation week activities.
124	SO	KNFB	450	2	Student Teaching	Students experience a practicum in an accredited public school classroom where techniques of instruction are developed for identified teaching field(s). Implementation of appropriate instructional strategies for assigned student population is observed.



125	EN, EC, SO	LAND	200	2	Introduction to Landscape Architecture Practice	The course introduces the students to the diversity of landscape architectural education and practices both as a discipline and as a profession. It defines traditional practice forms and examines evolving and expanding interdisciplinary opportunities for future landscape architects. LAND 200 is intended to LAND 200 Introduction to Landscape Architecture Practice Jun-Hyun Kim 2 be an introduction to the field and is focused on a breadth of general understanding rather than the depth of specific knowledge
126	EN, SO	LAND	240	2	History of Landscape Architecture 1	The course focuses on how the ideas, values, beliefs, and philosophical positions of a particular set of historical people are reflected in the visible landscape. It takes the assumption that as humans interact with nature they write their unwitting autobiography. This tastes, styles, behaviors, and philosophies of particular persons within a given time period, within a given region are then directly reflected through the design of the built and natural environments.
127	SO	MASC	351	1	Problem Solving In Mathematics	Problem Solving Strategies in math and science; evaluate conjectures and arguments; write and collaborate on problem solutions; pose problems and conjectures; construct knowledge from data; develop relationships from empirical evidence; connect mathematics concepts; readings, discussions, and analyses will model and illustrate mathematics problem solving and proofs. One of the objectives is to sse knowledge relating to issues of equity, affect and diversity to excel in the Teaching for Equity Challenges associated with the rich, open-ended mathematics problems.
128	EN, EC	MEEN	436	1	Principles of Heating, Ventilating and Air Conditioning.	The course objective is to provide the engineering principles required for a student to understand, analyze, size, select and design that HVAC equipment, including both auxiliary equipment and piping/duct layouts, necessary to meet the heating and cooling load requirements of typical indoor environments.
129	SO	MEFB	352	1	Curriculum and Instruction for Middle Grades	Study of educational theory and instructional strategies appropriate to middle grades education including planning and development of interdisciplinary and multidisciplinary curricula; student centered learning and methodologies. This course will prepare all middle level teacher candidates to facilitate diverse approaches to instructional strategies that supports all areas of development (physical, cognitive, intuitive, social, emotional, moral) and represents a variety of global and multicultural perspectives.
130	SO	MEFB	450	1	Social Studies Methods for Middle Grades	Investigate trends and issues in social studies curriculum. Explore techniques to engage middle grade students in the learning process. Demonstrate knowledge and skills in developing, teaching, assessing, and evaluating social studies lessons. Develop materials to use in teaching middle grades social studies lessons. 5.) Gain practical experience in working with middle grade students
131	EN, EC, SO	MGMT	209	1	Business Government and Society	Impact of the external environment-legal, political, economic and international-on business behavior; market and non-market solutions to contemporary public policies confronting business persons examined including antitrust law, employment and discrimination law, product safety regulation, consumer, protection and ethics.
132	EC, EN, SO	MGMT	211	3	Legal and Social Environment of Business	Role of government in business and society; analysis of social policy and legal institutions; ethical problems in management decisions; administrative law; antitrust law; employment and discrimination law; regulation of business transactions; protection of intellectual property rights; regulation of information in markets; including securities and product safety; international business law.
133	EC, SO	MGMT	309	2	Survey of Management	This course provides an overview of the field of management. We will cover a wide variety of topics, and students should leave the course with a basic familiarity of all key areas of management. Management 309 is a survey of the field of management for all non-business majors. The course objectives include the following: to provide a general overview of the field of management; to introduce students to the major activities and functions of management; and to illustrate for students the generic nature of management regarding other business functions.
134	SO	MGMT	363	2	Managing People in Organizations	An introduction to managerial principles including planning and organizing, staffing, leadership and control techniques. A behavioral science foundation of individual needs, group processes and organizational characteristics will be utilized.

135	EC, SO	MGMT	450	3	International Environment of Business	International business and globalization issues are increasingly important factors facing managers of U.S. based organizations. This course serves as an introduction to the global business environment, focusing upon material designed to broaden students' awareness of international markets and trends, trade and financial relationships between countries, and operational aspects of entering and conducting business in foreign markets. Concepts and principles from other business courses are applicable in this course, though they are approached from a perspective of international contexts.
136	EC, SO	MKTG	401	1	Global Marketing	Marketing strategy is vital to all types of organizations (large/small, profit/nonprofit, goods/services, industrial/consumer). The strategies developed and implemented are contingent on the marketing environment. The international arena is one of the most complex environmental contexts for firms to understand and master.
137	SO	MUSC	200	2	History of Rock	This course is designed to better understand how rock music developed, how it has changed over time, and how it reflects culture, history, and people's identities. To understand the development of what became known as "rock and roll" in the 1950s, we will begin with the history of folk and popular music in the United States from the Civil War to the mid-twentieth century. We will then explore various streams of rock as we seek to understand how the music reflects and responds to the social and cultural history of the 20th century. We will explore a wide variety of popular music, not all of which you might classify as "rock," as we strive to understand how rock contributed to, developed alongside, or reacted to, other genres of music.
138	SO	MUSC	200	1	Music of the Americas	This course will examine the musical evolution of the Americas and the Caribbean. The course will trace the influence of three large differing groups of peoples (natives, people of forced relocation, and people from European communities) and the syncretic process of music making.
139	SO	MUSC	200	1	Perspectives on World Music	A central component of ethnomusicological study is the value placed on individual and cultural perspectives. As a result, this course will explore the concept of "world music" from a variety of historic and contemporary perspectives. First, we will critically evaluate the colonial origins of the phrase "world music" by exploring early 20th century anthropological/ethnomusicological ideas of the West in relationship to the exoticized "Other." We will continue with an examination of the perspectives applied by Western music theorists and composers to their interactions with Non-Western music throughout the 20th century by discussing the works of Bartok, Debussy, Cage, and TAMU faculty member Marty Regan. Next, we will discuss how popular musicians such as Paul Simon and Madonna integrated world music into their work in the 1980s and 1990s. After having thoroughly explored the concept of "world music," we will drop it entirely and move forward with the assumption that all music is world music. The second half of the course uses case studies to illustrate how music relates to largescale anthropological concepts. Topics included in the second half of class include nationalism and the use of music as political tool and/or propaganda in Soviet Armenia and contemporary Taiwan; commercialism, sound studies, and music as sales tactic at the Mall of America and other shopping establishments; and music and individual identity, as demonstrated through iPod culture, Youtube, and ringtone culture.
140	SO	MUSC	200	1	History of Rock Music: Origins through the British Invasion	Rock music is an essential part of American culture. This course will trace out the history of rock, from its origins in country music, the blues, and Tin Pan Alley, through the first emergence of rock and roll in the mid-1950s, to its later developments— including the "girl groups," surf rock, Motown, and the British invasion. Special attention will be paid to the role of the music industry in the history of rock and the impact of larger social forces on this music. The course will develop the student's listening skills and help the student to think and talk about musical sound. Neither formal training in music nor music reading abilities is required for the class, but active listening to recorded music (both in and out of class) is an important part of the course.

141	SO	MUSC	201	2	Music and the Human Experience	MUSC 201 is designed to introduce you to various musical styles that have been part of the human experience throughout history and across cultures. We will survey the development of Western (Euro-American) folk, popular, and art music and draw connections to the music of other cultures to consider how music plays a vital role in the human experience. Our approach is two-fold: 1) we will actively listen to music and learn to describe and analyze its sound, and 2) explore how music affects, reflects, and suits particular cultural contexts and practices. Our studies will allow us to reflect upon questions such as: Why is music an integral part of every human culture? What is it used for and how does it enhance our human experience? What effects does music have on people and why?
142	SO	MUSC	324	3	Music in World Cultures	Welcome to Music in World Cultures! This course is designed to give you an introduction to ethnomusicology and the anthropological study of music. We will spend this semester exploring the complex interrelationship between music, society, and culture and will utilize scholarly case studies to examine how music reflects and informs historical and contemporary cultural practices in the Americas, Sub-Saharan Africa, the Middle East, India, and Indonesia. We will start each unit by discussing how "music" is understood and defined by the people who perform it and will then critically analyze how music relates to identity, politics, religion, migration, diaspora, transnationalism, and globalization among a variety of other theoretical topics.
143	SO	NUTR	202	2	Fundamentals of Human Nutrition	This course provides an overview of the fundamentals of human nutrition with the goal of enabling students to think critically while exploring the role of food and nutrition in health, disease and the environment.
144	EN, SO	OCNG	420	1	Introduction to Biological Oceanography	This course will focus on biological aspects of the ocean: diverse marine environments, productivity and the carbon cycle, living marine resources, fisheries, marine mammals, and environmental concerns such as climate change, pollution and harmful algal blooms.
145	SO	PHIL	419	1	Current Continental Philosophy	Major thinkers concerned with "postmodern" topics in hermeneutics, poststructuralism, critical theory, deconstructionism, contemporary Marxist strategies, semiotics and feminist theory.
146	EN, SO	PHIL	489	2	Genomics and Society	This course provides an introduction to key issues relating to genomics in society. It explores social, ethical and policy questions raised by genomics in the context of: synthetic biology, microorganisms, genetics and crops, genetic modification of domesticated animals, genetics and conservation, human genetic therapies, human enhancement, and privacy and genetic information.
147	EC, SO	POLS	231	2	Introduction to World Politics	The goal of this course is to introduce students of world politics to key theories, concepts, and historical and contemporary events in international relations. After this course students should gain a better understanding of world politics from a variety of theoretical and conceptual perspectives. In this course we will address a variety of topics such as international conflict and cooperation, and international economic interactions, the role of international organizations, adn law, economic development, democratization and interpedence.
148	SO	PSYC	210	1	Human Sexuality	The purpose of this class is to examine theories and research concerning human sexuality. We will examine topics underneath this umbrella term including (but not limited to) sexual behavior, reproduction, gender roles, sexual orientations, sexual relationships, sexual development and sexual violence. This course will also consider the unique sexual experiences of people from a variety of cultures, ethnicities, sexual orientations, social classes, ages, and physical abilities.
149	SO	PSYC	315	1	Social Psychology	Why do people do what they do? How can social environments shape the way we think and act? Why do groups of people sometimes do things individual people would not? Social psychology seeks to answer these questions and many more. Social psychologists study how social context both affects and is affected by an individual's thoughts, emotions, and behaviors.

150	SO	PSYC	330	1	Personality	We will trace the developments in personality theory over the past 125 years, beginning with the classics (Freud, Adler, attachment theory) and moving forward through contemporary trait approaches and cognitive models. We will also examine the biological underpinnings of personality traits and think about the evolutionary significance of personality attributes.
151	SO	PSYC	330	1	Personality Psychology	This course is intended to provide an overview of major theoretical perspectives as well as contemporary research techniques and findings in the field of personality psychology.
152	EN	RENR	405	3	GIS for Environmental Problem Solving	Interdisciplinary approach to train students to integrate GIS and relevant technologies for environmental problem solving; helps students relate learning to real world situations; students conceptualize, develop and manage projects using real data; one term project required.
153	SO	RDNG	490	1	Reading Instruction	Assessment in Reading Instruction in Middle Grades Assessment in Reading Instruction in Middle Grades. (2-6). Evaluation of middle grades students reading performance; selection, understanding, and implementation of formal and informal evaluation procedures in classroom reading assessment, diagnosis, and instruction.
154	SO	RELS	221	1	HISTORY OF ISLAM (ca. 600 - ca. 1450 C.E.)	The aim of this course is to introduce students with little or no prior knowledge in Islam to some of the main themes in Islamic history and civilization from the time of Prophet Muhammad (ca.600 C.E.) to ca.1450 C.E. We will proceed chronologically and thematically with focus on political, religious, social and cultural events of significance. Our goal is to establish an overview of the history of Islam from its beginnings up to 1400 C.E. with a focus on changing interpretations of concepts in different polities and societies. Our goal is to observe, evaluate and think critically about the formation of the Islamic tradition as well as its transformation over time across different regions and cultures, alongside its interaction with other world religions.
155	SO	RELS	303	1	Near Eastern Religions	This course introduces students to the vital role of religion in human experience by exploring literary, historical, cultural dimensions of religion, texts, patterns of belief, and related ritual and ethical practices. In this academic introduction to religion, we will be concentrating on Zoroastrianism, Judaism, Christianity, and Islam through the lenses of history, culture, and literary approaches.
156	SO	RELS	317	1	Introduction to Biblical Achaeology	This course is designed to introduce the student to the archaeology and material culture of the Land of the Bible. The objectives of the course are the following: A) To introduce students to the rich matrix of material culture related to the peoples of biblical times in that region, B) To integrate these physical remains into an overall humanistic understanding of the biblical world, C) To supply the student with the tools to evaluate archaeological discoveries in relation to the biblical narrative, D) To introduce the student to the interrelationship of various sources—texts, artifacts, iconography, etc.—for interpreting and understanding the past.
157	SO	RELS	326	1	Sociology of Religion	In this course we will examine religious phenomena from a sociological perspective. We will begin with the major sociological theory of religion, by Emile Durkheim, as set forth in his book, The Elementary Forms of the Religious Life (1912). We will proceed to summarize other important social scientific theories on religion, including Freud in his Future of an Illusion and William James in his Varieties of Religious Experience. We will also touch on Weber, Marx, and Guyau. Finally, we will apply these sociological and theoretical insights to selected problems, as set forth in your textbook--church membership, the rise of cults, variations in church attendance, masculine/feminine differences in religion, the relationship of religion to capitalism and social character in general, etc.
158	EN, SO	RPTS	301	1	Leisure and Outdoor Recreation in American Culture	This course is an introduction to the fundamental concepts of leisure and outdoor recreation and how they influence us as individuals and as a society. The course reviews the influence of leisure throughout life. More specifically the use of leisure to experience the outdoors (nature) and its influence on the human condition is examined. The course also examines the role that nature and the outdoors have played in shaping unique aspects of American culture.

159	SO	RUSS	202	1	Russian	Continuation and review of grammar, selected readings; material to develop conversational and reading ability. Goals include 1) expand their knowledge of the human condition and human cultures in the context of the course subject matter 2) learn to understand these issues and interpretations in their cultural and social contexts 3) develop the ability to apply knowledge of diverse backgrounds and cultures to their personal lives and studies;
160	SO	RUSS	442	1	The Twentieth Century Russian Novel in Translation	This course will survey all of the important Russian novels from the beginning of the twentieth century to the end of Stalinism. Taught in English, this course has no requirements. Students of Russian will read excerpts of originals (available at Notes 'N Quotes). The course will treat a variety of topics relevant to the twentieth century, such as the city in Russia's consciousness, dystopia, revolution, Russia's contributions to the European avant-garde, literature about the Gulag, censorship, Socialist Realism, writing for the "drawer," Aesopian writing, "internal" exile, the "Thaw," and much more.
161	EN	SCSC	402	1	Crop Stress Management	In this class and associated laboratory you will demonstrate knowledge you have gained in other courses, through readings and through case studies to synthesize your own conclusions about: 1.Basic plant physiology, 2. The limits of growing specific crops in specific environments, 3.What plant stress looks like and how to manage it, 4. Specific technical laboratory skills related to plant physiology and abiotic stress. You will then complete a final a project that applies this knowledge to stakeholder problems that need to be managed.
162	EN, EC, SO	SCSC	420	1	Brazilian Agriculture and Food Production Systems	Students will compare Brazilian and US agriculture and culture through information provided by instructor, gathering resource information and writing one report, and being immersed in the country for 17 days. Students will: learn about and see soil, water, and rain forest conservation and management in Brazil; learn about different cultures of peoples across Brazil; tour and learn about Amazon River and watershed, Parana and Iguacu Rivers, rain forest, farm, ranch, livestock, and floral production systems; agricultural cooperatives and research centers; sugar and alcohol production; and phosphate mining and production. Students will see and learn about points of interest including, but not limited to Brasilia, Sao Paulo, Manaus, Rio de Janeiro or Florianópolis, Iguacu Falls, and Itaipu Hydroelectric Plant.
163	EN	SCSC	458	1	Watershed and Water Quality Management	To acquaint students with the basic principles of water quality management, with particular emphasis on nutrients and the watershed-level approach. ☑ To improve water quality ☑ To promote discussion
164	EN, SO	SCSC	481	1	Senior Seminar	Capstone course bringing together student experiences, exams, and exercises necessary for completing and assessing Soil, Plant, and Environmental Science and Turfgrass Science program learning outcomes.
165	SO	SEFB	320	1	Education and Employment Issues in Secondary Special Education	Psychological, social, physical and cognitive development of secondary-age students; career assessment; programmatic options within educational and employment settings; transition models from school settings to adult employment.
166	SO	SEFB	426	1	Effective Instruction of Students of Diverse Abilities	Field-based application of effective instructional strategies for teaching students of diverse abilities; analysis of teaching style and strategies for improving ability to work with diverse populations. To be taken concurrently with SEFB 425.
167	SO	SEFB	471	1	Classroom Management and Behavioral Interventions	Field-based course focusing on the effective management of classrooms: including research-based models of classroom discipline, proactive strategies that prevent misbehavior; interventions that decrease problem behaviors, and management systems appropriate for students with disabilities
168	SO	SOCI	205	1	Introduction to Sociology	This course provides an introduction to the discipline of sociology. While there are many definitions of sociology, as the quote from Bourdieu suggests, sociology is fundamentally about rethinking "common sense." Sociological research at times confirms and sometimes challenges commonly held views about society. The goal of this course is to expose you to how sociologists study society and the ways that society structures our lives. To that end, most of our time will be spent reading some of the best, well-written research on current debates and themes in sociology.

169	SO	SOCI	205	1	Introduction to Sociology	This course is designed to guide students through the process of asking and answering important questions from a sociological perspective. Students will exercise critical thinking, reading, and writing skills, and apply these skills to a variety of questions. Sociologists use empirical research and critical analysis to study things that most people take for granted, like how culture and social institutions are created by human interaction, and what their consequences are for different groups of people in society. This course is not designed to teach students what to think, but instead how to think critically about social issues.
170	SO	SOCI	205	1	Introduction to Sociology	This course is an introductory course to the field of sociology. The overall intent and scope is to provide a critical view of sociological perspectives including concepts and methods; social class and social status, the family, minorities, crime, religion, power, urbanization and population. Particularly for this course sociology will be defined as a study of human behavior in society. This course will feature some hands on activities. Due to the nature of this course students will be allowed the opportunity to apply sociological concepts to their life experiences providing a better understanding of sociological methods. This course will allow students the benefit of venturing out of their comfort zone providing a new found connection to life and sociology as a combined entity.
171	SO	SOCI	205	1	Introduction to Sociology	This course provides an introduction to the discipline of sociology. Sociology is not just about the study of society but about rethinking "common sense." This class is designed to expose you to how sociologists study social institutions, culture, groups, and interactions between individuals. The ultimate goal of this course is to help students use a "sociological lens" to analyze society critically in order to better identify, interpret, and address social issues and problems.
172	SO	SOCI	205	1	Introduction to Sociology	This course will introduce you to the field of sociology and encourage you to develop a sociological perspective on various aspects of our social lives. Through exploring various aspects of society you will have a better understanding of how society structures our lives and how we contribute to society's structure. Moreover, this course will help you understand how macro and micro structures interact to construct the world's people navigate on a daily basis.
173	SO	SOCI	205	1	Introduction to Sociology	The goal of this course is to introduce students to thinking sociologically. We will focus on sociological perspectives including concepts and methods, and we will specifically examine social class and social status, the family, minorities, crime, religion, power, urbanization and population.
174	EC, SO	SOCI	207	1	Introduction to Gender and Society	This course will give students an introduction to the basic concepts and theories of sociology needed to excel in the rest of the course. The majority of the course will focus on issues relating to gender and sexuality including but not limited to gender binaries, gender roles, political and economic issues, global problems, and media portrayals. Critical thinking and discussion will be important components of the course.
175	SO	SOCI	207	1	Introduction to Gender & Society	American society is characterized by the organization of people into groups. For the purpose of this course, attention will be focused on gendered grouping. This course will teach you how to assess gender through academic concepts derived from empirical research. We will use sociology as our primary lens for analysis. However, we will also use Women's Studies, Womanist' Studies, Radical Feminist Studies and other disciplines to investigate topics in this course. With this interdisciplinary approach, we will address gender as a social construction. Additionally, we will also play special attention to the role of gender in the criminal justice system.

176	SO	SOCI	207	1	Introduction to Gender & Society	As its title indicates, this course is designed to introduce students to a variety of gendered issues which affect our lives at personal and societal levels. In our culture, before a baby is even born, many family members and even perfect strangers will have predicted that baby's gender and drawn associations to the baby according to that prediction. These associations also accompany every stage of human life according to the culture, place, and time in history. We will discuss some of the major theoretical approaches to understanding gender and how gender relates to various institutions including (but not limited to) the family, the workplace, media, and the world. The material in the lectures is complimentary to the readings and not necessarily redundant. Thus, lectures will provide background and broader context to the readings.
177	SO	SOCI	304	1	Criminology	Criminology is the scientific study of crime and deviance. This course explores sociological explanations of crime, deviance, and social control in order to understand, contextualize, and analyze criminal behavior. In short, this is course about crime and its causes. Special attention will be paid to: the idea of social control (formal and informal) and the social contexts of crime and violence such as families, schools, and neighborhoods.
178	SO	SOCI	304	2	Criminology	To provide an overview and introduction to the subfield of Criminology within Sociology. The honors class will visit a prison over the semester to better understand the criminal justice system and societal reaction to crime. The course is divided into four components: Part I: The focus of the first section of the course is on definitions of crime and victimization, measurement issues, socio-demographic patterns and historical trends in crime and victimization; Part II: The second component delves into a range of sociological theoretical explanations of crime; Part III: The third part of the course explores in detail certain types of crime; and Part IV: Considers societal reactions to crime and contemporary pressing issues in the field such as the social causes and consequences of mass imprisonment.
179	SO	SOCI	319	1	Sociology of Sport	This course will explore the structural and cultural relationship of sport to society. Particular attention will be given to issues of race, gender, sexuality, economics, and politics as they relate to sport. We will explore the historical development of sport in America and the ways in which it parallels the growth and development of other social institutions (e.g., schools). Throughout the course we will also explore contemporary issues in sport and society. The ultimate goal of this course is to provide students a sociological understanding of sport that will complement their everyday knowledge of sport. This goal will be achieved through a mixture of lectures, discussions, and written examinations.
180	SO	SOCI	326	1	Sociology of Religion	In this course we will examine religious phenomena from a sociological perspective. We will begin with the major sociological theory of religion, by Emile Durkheim, as set forth in his book, <i>The Elementary Forms of the Religious Life</i> (1912). We will proceed to summarize other important social scientific theories on religion, including Freud in his <i>Future of an Illusion</i> and William James in his <i>Varieties of Religious Experience</i> . We will also touch on Weber, Marx, and Guyau. Finally, we will apply these sociological and theoretical insights to selected problems, as set forth in your textbook--church membership, the rise of cults, variations in church attendance, masculine/feminine differences in religion, the relationship of religion to capitalism and social character in general, etc.
181	SO	SOMS	482	5	Seminar in Executive Leadership II: Ethics	This seminar is designed to include a group of advanced students studying with an instructor and conducting guided inquiry, exchanging results through papers, presentations, and discussions. The class sessions will include an explanation of theory (finding out), conceptualizing (taking action), reflection (examining the way we act), and applicati
182	SO	SPAN	411	1	Contemporary Hispanic Society & Culture	Cultural, economic, and political aspects of present-day Hispanic societies, and treatment of issues in the media; conducted in Spanish
183	SO	SPMT	304	1	Psychological Perspectives on Education	This course examines the relationship of psychology to sport and exercise. Topics include history, application of learning principles, social psychology, personality variables, psychological assessment, youth sport, and diversity issues in sport and exercise.

184	SO	SPMT	337	1	International Sport Business	The main objective of this course is to make students aware of the magnitude of the global expansion and development of sport, to familiarize them with major “players” (firms and organizations) on the global scene, major issues in global sports, and to emphasize the business opportunities that are created internationally. An underlying thesis focuses on the contrasts from the US (and yes, Texas) sport industry to foreign markets.
185	SO	TEED	302	2	Psychological Perspectives on Education	This course will increase your knowledge about students with special needs, and provide tools to assist you in meeting your students’ academic and social needs.
186	SO	TEFB	273	2	Introduction to Culture, Community, Society and Schools	This is a field-based course that introduces the culture of schooling and classrooms for analysis within the scope of language, gender, racial, socio-economic, ethnic and academic diversity, and educational equity. Extensive weekly field observations and participation in schools designed to analyze learning environment and content methods are an important component of the human experience in this course.
187	SO	TEFB	324	9	Teaching Skills II	Students will gain an understanding of the following topics: • Adolescent development, models and theories of human behavior, and a diversity of learning styles • Effective learning environments and practical application of educational theory • Various learning and instructional strategies • Conventional and alternative assessments linked to standards and curriculum objectives • Ethical dilemmas and possible solutions
188	SO	TEFB	406	8	Science and Math Methods for Secondary	This course examines the theories and practices that support successful secondary science and mathematics teaching and learning. The course focuses on content and criteria central to teaching secondary science and mathematics to 21st century learners. Assignments include readings, discussions, analyses, modeling and practicing science and mathematics teaching and learning. Throughout the course, each student will show observable and measurable progress in each of areas such as: 1.) Apply an understanding of the social, cultural, political and historical nature of science or mathematics on the learner, the learning environment and conceptual change.
189	SO	TEFB	407	8	Science and Math Methods for Secondary	This course examines the theories and practices that support successful secondary science and mathematics teaching and learning. The course focuses on content and criteria central to teaching secondary science and mathematics to 21st century learners. Assignments include readings, discussions, analyses, modeling and practicing science and mathematics teaching and learning. Throughout the course, each student will show observable and measurable progress in each of areas such as: 1.) Apply an understanding of the social, cultural, political and historical nature of science or mathematics on the learner, the learning environment and conceptual change.
190	SO	TEFB	410	2	Social Studies and the Humanities in the Elementary School	Recent trends, issues, and procedures related to curriculum development and instruction in the social studies and humanities; integration of content, planning, design of appropriate teaching/learning experiences and evaluation; preparation of prototype materials. One of the objectives is the student's ability to create a classroom environment of respect and rapport that fosters a positive climate for learning equity, and excellence.
191	SO	THAR	155	1	History of Western Dress	This course provides an overview of the history and evolution of Western dress. A great deal of the class revolves around learning the terminology of costume and how each article of clothing evolved. This course explores the social, psychological, and cultural aspects of dress and appearance, including the relationship of dress to physical and social environments, aesthetic and personal expression, and cultural ideals and values. Dress cannot be isolated from the political, economic and social surroundings of the time. This course therefore has sociological and psychological overtones as we seek to understand why humans began to adorn themselves, and continue to do so.
192	SO	THAR	201	2	Introduction to World (Non-Western Theatre) Theatre	The course is designed for a general student population that will acquaint you with theatre (broadly defined) and drama of Asia, Africa, the Middle East, Latin America and the Caribbean.. The exploration will: 1) survey the diversity of world cultures that produce rituals, theatrical events, plays, and a variety of performances. 2) Investigate how the cultures of other countries influence Western theatre.



193	SO	VIBS	413	1	Introductory Epidemiology	As the interconnections among human health, domestic animal health, wildlife, and the environment are increasingly recognized in this 'one health' era, the breadth of epidemiology is deepening. Epidemiology is the study of the distribution and determinants of disease in populations and is distinguished from other medical disciplines in its focus at the population-level, and not individual level. Epidemiological principles guide the collection of data in the field and clinic, diagnostic laboratory protocols, statistical analyses, medical surveillance, and disease reporting. Epidemiology is the key science that guides public health policy and interventions. This course will train students to understand the concepts of epidemiology and fundamental tools used by epidemiologists, and how this field blends with other disciplines (ecology, human and veterinary clinical medicine, statistics, genetics, wildlife biology and more) to address some of society's more pressing stressors
194	EN	WFSC	301	1	Wildlife & the Changing Environment	Using an ecosystem approach, this course analyzes changes in the North American environment; effects of these changes on wildlife populations; and reviews areas of major, current concern
195	SO	WGST	200	3	Introduction to Women's & Gender Studies	This course is designed to introduce you to concepts, questions, and concerns of the interdisciplinary field of women's and gender studies. In particular, we will explore "gender" as it is experienced and constructed across lines of race, class, sexuality, and nation. Discussing issues that range from citizenship to sexual violence, this course requires an active, respectful, and consistent engagement with course materials and fellow students.
196	EC, SO	WGST	207	3	Introduction to Gender and Society	This course will give students an introduction to the basic concepts and theories of sociology needed to excel in the rest of the course. The majority of the course will focus on issues relating to gender and sexuality including but not limited to gender binaries, gender roles, political and economic issues, global problems, and media portrayals. Critical thinking and discussion will be important components of the course.
197	SO	WGST	333	1	Gay and Lesbian Literature	We will examine mostly western and Anglophone poetry, plays and novels by women and men, as per the catalogue description, taking up questions about the constructions of sexuality and erotic desire throughout history and changing cultural contexts. Issues to be discussed include: the development of homosexual subcultures in the seventeenth and eighteenth centuries, the construction of female "romantic friendship," the influence of the late nineteenth-century sexologists and of Freud, and the conflicts associated, at different times for men and for women, with emerging notions of homosexual, lesbian, bisexual, transgender/sexual, and queer identities.
198	SO	WGST	334	1	Women's Health	Women's Health is designed to provide you, the student, with the opportunity to explore the health issues and health care concerns of women by identifying a broad range of health topics that are either unique to women or of special importance to women. The multidimensional roles of American women as individuals, partners, mothers, nurturers, caretakers, and career persons create a need for their health status to be of vital importance. While women and men both experience similar diseases, disorders, and causes of
199	SO	WGST	374	1	Women Writers	History of literature by women in English primarily from the 16th century to the present; emphasis on continuity of ideas and on literary contributions; study of poetry, essays, novels, short stories, with particular attention to characteristic themes and to racial, social, cultural diversity of women writing in English.
200	SO	WGST	474	1	Studies in Women Writers	This course will examine the characteristics of the memoir genre, exploring the ways in which 20th - and 21st - century American women writers variably represent selfhood. Because the memoir arguably moves beyond the representation of the autonomous autobiographical self to the historical events and people as well as the cultural ideologies (i.e., of gender, sexuality, race, ethnicity, and nation) that construct and contextualize identity, this course is particularly interested in the "relational" nature of identities.

201 SO WGST 476 1 Sex and Sexuality in History

This course investigates sex and sexuality in history by focusing primarily on the early-modern and modern eras in the Anglo-American Atlantic world, although we will delve further back into the past and address different places at times during the course. It will examine changing ideas about sex and sexuality over time, including their interaction with concepts of gender, race, class, religion, science, technology, medicine, politics, and popular culture. It will further address historical and cultural processes creating modern concerns about sex and sexuality. We will pay particular attention to the historically contingent nature of understandings of sex and sexuality and to explaining why and how these understandings have changed.

## Spring 2014 - College Station Graduate Courses

KEY	
Total Courses Offered	562
Sustainability Courses	54
Courses that Include Sustainability	38

CATEGORIES	
EN	Environmental
EC	Economic
SO	Social

	CATEGORY	DIVISION	COURSE	# OF SECTIONS	NAME	DESCRIPTION
1	EN, EC	AGEC	604	1	Natural Resource Economics	Critical evaluation of policies and procedures in natural resource development and use; identification of problems in resource development, the political-economic decision-making processes and analytical tools which can contribute to economic decisions.
2	EN, SO	ARCH	673	1	Design for Active Living	Understanding the forms and characteristics of the built environment and the influence on human behaviors, lifestyles and health; theoretical and empirical insights into the issues of physical activity, obesity and automobile dependency; focus on how changes in the built environment help address these issues.
3	EN, EC, SO	RPTS	666	1	Parks, Tourism and the Natural Environment	Parks, Tourism and the Natural and Cultural Environment . Analysis of natural and cultural resource management in the United States; emphasis on federal policy and the influence by political processes at the national, regional, and local levels; case studies to illustrate conceptual and legal frameworks in real world contexts, including the policy and politics of tourism and recreation, endangered species, contested history, and Native American traditions and sovereignty.
4	EN	ARCH	619	1	Applied Solar Energy	Technology behind applied solar energy design, including: calculating solar radiation, heat transfer related to solar design; active systems; FCHART and economics.
5	EN	ARCH	628	1	Tools for Green Building Design	Modeling tools and techniques to explore and support sustainable design; develop a deeper understanding of the relationship between architectural design and the environmental forces of sun, wind, and light; design-centered course; helps test the students architectural designs through the use of available modeling tools.
6	SO	ENGL	653	1	The Literature of Justice and Incarceration	Crime, detection, trial, punishment, rehabilitation, freedom: This is the familiar cycle of justice in the United States and many other nations. This class will explore works that represent, theorize, or condemn all of part of this cycle in their effort to explore the intricacies of injustice and its opposite.

7	SO	PHIL	682	1	Critical Race Theory: Reclaiming a Radical Disciplinarity	This class aims to understand why racism is a permanent part of American society (racial realism), the failure of the American liberal democratic project, the relationship between politics and law (interest convergence), and the political program of disciplines which try to make this once radical racial perspective compatible with the at-large post-civil rights consensus that many whites hold about race. By reclaiming Critical Race Theory's association with African-centered thinking, Black Nationalism, and Critical Race Feminisms, it is hoped that the student will develop a more critical structural notion of racism in American society and law that is specifically geared toward dealing with the reality of white supremacy and the role that whites play in perpetuating this complex system.
8	SO	SOCI	667	1	Seminar in Race and Ethnic Relations	Origins, extent, consequences of racial and ethnic differences on key demographic variables such as fertility, mortality, migration and population size, growth, distribution and composition; how demographic variables affect and are affected by racial and ethnic differences in family structure, social mobility and socioeconomic stratification.
9	EN, SO	WFSC	635	3	Urban Wildlife and Fisheries	Urban wildlife and fisheries trains students to establish and maintain diverse, self-sustaining urban wildlife and fish populations at levels in harmony with ecological, social, and economic values of the human community and to develop optimal levels of public appreciation and use or urban wildlife and fish resources and associated habitats.
10	EN, SO	ANTH	689	1	Environmental Archaeology	This course examines the paleoecological context in which past humans interacted with the natural environment, an environment encompassing plants, animals, and landscape. Lectures, readings, and assignments will cover advanced principles, method and theory, and practical applications used in paleoenvironmental reconstruction.
11	EN, SO	VIBS	681	1	Impacts of Climate Change on Vector-Borne Diseases	Current data suggest that climate variability has a direct influence on the epidemiology of vector-borne diseases. By 2100, average global temperatures are expected to increase by 2.0 – 11.5 °F. A growing body of literature suggests that the greatest effect of climate change on vector-borne disease will occur at the extremes of temperature ranges that support transmission. The degree to which the changing climate will impact vector-borne disease is being explored through disease system-specific empirical and predictive modeling studies. Through discussions of the published literature on dengue, malaria, Lyme disease, mosquito and tick-borne encephalitides, Chagas disease, and more, students will be introduced to the interconnections among ecology, epidemiology, and disease risk in the context of a warming world.
12	EN	PLAN	625	2	Geographical Information Systems in Landscape and Urban Planning	Provides an understanding of GIS fundamentals; basic concepts, principles and functions; essential skills for applying GIS in various fields such as urban planning, landscape architecture, land development, environment studies, transportation and hazard management; based on learning through class projects.
13	EN	ESSM	651	3	Geographic Information System for Resource Management	Geographic Information System (GIS) approach to the integration of spatial and attribute data to study the capture, analysis, manipulation and portrayal of natural resource data; examination of data types/formats, as well as the integration of GIS with remote sensing and Global Positioning System; laboratory includes extensive use of GIS applications to conduct analyses of topics in natural resources.
14	EN, EC, SO	WMHS	601	1	Hydrology and Environment	Examination of hydrologic processes affecting surface and groundwater resources; impact of climate, soils, vegetation, land-use practices and human effects on hydrologic processes; natural-scientific perspectives emphasized.

15	EN, SO	GEOS	601	1	Polar Regions of the Earth: Science, Society, and Discovery	This course will educate students about “cutting-edge” polar science and research from an Earth System Science viewpoint. The Polar Regions are an international focus for science, research, and technological development. Polar research is conducted in both Polar Regions including investigations of linkages to the Earth system. Polar research by its nature is multi- and inter-disciplinary in scope and international in participation. Knowledge of and exploration in the Polar Regions will be used to educate and excite the next generation of engineers, scientists, and leaders. Polar research spans a wide range of scientific disciplines across the physical sciences, social sciences and engineering. The role and importance of the Polar Regions in the earth system, and their interactions with human systems, will be emphasized.
16	SO, EC	EDCI	602	1	Cultural Foundations of Education	Contributions of behavioral sciences applied to analytic tools in solving problems of curriculum and instruction.
17	SO, EC	EPSY	605	1	Effects of Culture, Diversity, and Poverty on Children and Youth	Understanding of how the intersecting nature of culture, diversity, and poverty impact adjustment outcomes in children and youth; comprehension of our own belief systems; exploration of disparities in education and mental health across ethnically, culturally and social economically diverse groups; strategies for alleviating educational and mental health disparities.
18	SO	SOCI	607	1	Gender and Work	The goal of this course is to understand why and how men and women's paid and unpaid labor is distinctly valued in the national and international labor market. Moreover, it will interrogate how race and class intersect gender to create further inequalities at work.
19	SO	SOCI	604	1	Comparative and Historical Methods	We will begin the course by considering the relationship between comparative sociology and historical sociology. In the following five weeks, we consider the techniques of comparative and historical analysis, including research designs and data sources. In the last six weeks of the semester we will survey classic and recent research that attempts to develop historically and/or comparatively informed theories of social inequality, political behavior, institutional/organizational formation and economic change.
20	EN	ARCH	643	1	Software Analysis for HVAC Systems in Low Energy Buildings	Energy analysis (using Energy Plus software) with an emphasis on developing strategies for low energy use; simulation of various heating and cooling systems in low energy buildings; analysis of the mechanical equipment (including air handling systems, chiller and boilers), the building envelope, energy management control systems and indoor air quality.
21	EN, SO	OCNG	620	3	Biological Oceanography	Critical analysis of contribution of biological science to our understanding of sea; discernible interrelationships between organisms and physicochemical parameters.
22	EN	ECEN	712	1	Power Electronics for Photovoltaic Energy Systems	Sustainable energy sources such as photovoltaic, fuel cell, wind, and others require power electronics to perform energy conversion and conditioning in order to convert their native form of electrical generation to a format compatible with the ac utility grid; exploration of the salient electrical characteristics of solar photovoltaic sources, the requirements for grid-connection and the power electronic circuits and controls needed to perform the interconnection and control.
23	SO	RPTS	605	1	Community Organization	Examines how community organization and institutions differ and result from diverse social, cultural and demographic factors; explores how these factors restructure communities over time and community responses to restructuring.

24	EC, SO	INTA	689	1	International Development Theory and Practice	The course will review various definitions of development and the theories which explain why some countries develop and others do not. Current controversies will be examined about what factors lead to economic growth; what role good governance and democratic institutions, the cultural values of a society, and social services play in development. Finally, the course will analyze how the foreign aid programs of donor governments and international institutions affect the development process, the politics of aid programs and the mechanisms for their implementation, and the role of new actors in development such as non-governmental organizations, corporations, and foundations.
25	SO	SPMT	613	1	Diversity in Sport Organizations	Examines an encompassing perspective of diversity within North American and international sport organizations; analysis and understanding of the various ways that people within sport organizations can differ; treats issues of the non-dominant, historically under-represented elements of U.S. society with an emphasis placed on racial and gender issues.
26	SO	HLTH	607	1	International Health	Health and health care delivery around the world; how various organizations are addressing global health concerns; includes emerging diseases, eradication of disease, global nutrition, family planning; emphasis on providing health information on a cross cultural environment.
27	EN, EC, SO	RPTS	646	1	Heritage Tourism	Comprises a transdisciplinary examination of contemporary research and practice in heritage tourism and public culture; encourages to deploy a variety of disciplinary outlooks to explore the representation of peoples, places and pasts in a range of settings from the indigenous/sacred to the post industrial/post colonial.
28	EN, EC, SO	WMHS	691	1	Graduate Research	Students will conduct original research in the field of water and/or soil chemistry with an emphasis on soil and water nutrients with the intent of completing a MS or PhD program of study and publishing research in a peer reviewed journal. Students will be encouraged to participate in and present a poster or oral talk at a professional conference. The student will learn how to communicate effectively through speaking and writing and to work collaboratively with a lab team. The student is expected to demonstrate personal and social responsibility at a high level.
29	EN	SCSC	691	1	Graduate Research	Students will conduct original research in the field of water and/or soil chemistry with an emphasis on soil nutrients. Students will be encouraged to participate in and present a poster or oral talk at a professional conference. The student will learn how to communicate effectively through speaking and writing and to work collaboratively with a lab team. The student is expected to demonstrate personal and social responsibility at a high level.
30	EC, SO	MGMT	679	1	International Business Policy	Determinants of U.S. competitiveness in international markets; the international environment of business; introduction to multinational enterprises, global competition, international organizations, protection of intellectual property; international trade regulation; strategic trade theory.

31	SO	EDCI	644	1	Curriculum Development	This course introduces graduate students to contemporary curriculum development and the foundations of educational curriculum studies. The purpose of this course is to assist practicing and prospective teachers and administrators in the acquisition of concepts and competencies needed for success in planning, implementing, deconstructing, analyzing, and assessing curriculum (SBEC Standard I for Pedagogy and Professional Responsibilities). This course assumes that curriculum development is crucial to teaching and learning in the postmodern global society and that teaching and learning must be directed toward positive social change and individual agency. Thus, this course provides learning experiences that will be instrumental for teachers and administrators in developing their knowledge of curriculum toward these ends. Participants in this course will emerge as reflective professionals and educational leaders capable of critically analyzing the multiple dimensions of curriculum development (SBEC Standard III for Pedagogy and Professional Responsibilities) and capable of implementing a culturally and socially appropriate curriculum for justice, compassion, agency, and ecological sustainability (SBEC Standard IV for Pedagogy and Professional Responsibilities).
32	EN	LAND	614	1	Landscape Architectural Construction	Second construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; basic elements of landscape architectural construction; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design.
33	EN, EC, SO	ARCH	685	1	Novel Habitat for Humanity House	Develop an architectural design with a complete set of build documents for a novel Habitat for Humanity house. Understand low energy design using a Habitat for Humanity house.
34	EN, EC, SO	PLAN	616	1	Analyzing Risk/Hazard and Public Policy	This course focuses on practical and theoretical issues of risk, with a strong emphasis on matters related to natural and technological hazards affecting communities. We will begin by discussing important theoretical, methodological, and ethical problems of risk. We will cover many concepts, including risk analysis, risk management, risk perception, risk communication, and risk characterization. Finally, we will study the application of these concepts to various hazards.
35	EN	ARCH	633	1	Applied Architectural Systems	Building energy consumption patterns and conservation strategies; natural and mechanical subsystems for environmental control; subsystem design criteria, economic considerations and selection methods.
36	EC, SO	SOCI	627	1	Seminar in Law, Deviance, Social Control, Race, Class, and Gender: Minorities and Drugs	In this seminar, we examine the relevant literature and research in the area of minorities and drugs, including the social sources of law in this area, the role of law, and problems in law enforcement. Also, we focus on the effect of minority status on penalties for drug use.
37	EC, SO	INTA	689	1	Political Economy of Development in Africa	Why are some countries so poor, some groups so violent and some states so unaccountable to their citizens? The course tackles these and other big questions in development by exploiting variation in economies, societies and politics on the African subcontinent. A political economy lens is used to examine how political forces shape economic outcomes and how political institutions develop and respond to socio-economic realities. Students will be exposed to a variety of analytical methods and an emphasis will be placed upon using evidence to test theories learned in the course. The course will explore the effects of colonialism, geography, and ethnic diversity and interrogate how development is shaped by contemporary issues such as civil war, democratization, and foreign assistance.

38	EN	ARCH	606	1	Architectural Design II	Application of verbal, graphic, research, critical thinking and fundamental design skills to architectural projects that emphasize the integration of structural, environmental, life safety, building envelope systems, and building service systems; includes code compliance, resource conservation, cost control and economic analysis. Core design studio for professional degree candidates.
39	EN, EC, SO	ENTO	618	1	Medical Entomology	The course will focus on medical and veterinary entomology as it applies to understanding management and control of animal and human disease vectors as a component of strategies to prevent animal and human vector borne disease infections. The impact of vectors and vector borne diseases on the emerging "one-health" approach to human disease control strategies, food production, society economic productivity, infrastructure development policy, and travel will be emphasized. Global climate effects on vectors and emerging vector borne diseases will be reviewed.
40	SO	HLTH	634	1	Women's Health	This course is designed to give you a broad overview of women's health issues from a holistic lens. You will examine the socio-ecological and bio-psycho-social factors that impact women's health as well as diseases and conditions that impact women as a population. In addition, you will analyze strategies used in prevention, healthcare delivery, health promotion, and advocacy. The goal is to help you become a more savvy health consumer and health resource person to improve quality of life for yourself and others.
41	EC, SO	HORT	609	1	Plants for Landscape Design II	Identification and use of indigenous and introduced landscape plants; plants for special uses in urban environments; emphasis on plants' ornamental attributes, cultural requirements, and adaptability in urban and suburban environments.
42	EN, EC, SO	LAND	621	1	Open Space and Land Use Planning II	Projects with various scales; site selection, program formulation, theory, master planning and detailed design applied to topics of community design and development, and healthy communities; evidence based design methodology, techniques of professional design documentation and presentation.
43	SO	LING	670	1	Gender and Discourse	Discourse analysis has become increasingly important as the social sciences and gender theory have shifted to a social constructivist paradigm. As de Beauvoir observed, "women are not born, they are made." Many disciplines have turned to the study of discourse to explain the processes through which individuals and groups produce and reproduce gendered identities, ideologies, and other social constructs. In this course, we will explore gender, discourse, and the relation between them within a diversity of contexts, both spoken and written, including everyday interaction, literature, the media, popular culture, education, the courtroom, and the workplace. By surveying research on discourse and gender, students will become familiar with the most crucial approaches to discourse analysis, including interactional sociolinguistics, critical discourse analysis, narrative analysis, conversational analysis, speech act theory and pragmatics, genre theory, and metaphor theory.
44	EN, EC, SO	PLAN	650	1	Disaster Response Planning	Mitigation, preparedness, response and recovery strategies; roles of the Federal Emergency Management Agency, the Governor's Division of Emergency Management, the National Weather Service and the American Red Cross.
45	EC, SO	PSAA	618	1	Education Policy	Examines the role of government in education and education policy issues, including equity, adequacy and accountability; final section of class will focus on current policy topics, emphasizing two strategies favored by the Obama administration--charter schools and pay for performance.



46	SO	SOCI	647	1	Urban and Spatial Demography	The goal of the seminar is to help motivated students become better acquainted with the area of urban and spatial demography. Topics will cover classical and contemporary issues relating to urban and spatial demography giving special emphasis to issues relating to: urban and metropolitan form at the micro and macro levels; the concepts, data and methods used in urban demographic research; patterns of urban change; and inequality, poverty, and ethnic segregation in American urban areas.
47	EC, SO	ACCT	650	1	Accounting Ethics	Integration of ethical reasoning, objectivity, independence and other core values into the development of a professional accountant; critical analysis of the ethical lapses which have occurred in business and the accounting profession; explores ways to integrate ethical behavior into professional life.
1	EN, EC, SO	RENK	662	1	Environmental Law and Policy	Analysis of the legal theories used to allocate and protect environmental resources; common law, federal and state statutes, and international treaties dealing with the environment; policies and laws for controlling air, water, solid waste, toxic waste and water pollution; species protection and natural resource use.
2	SO	HIST	624	1	Readings in Race, Ethnicity, and Migration	This course examines key topics and questions in the history of race, ethnicity, and migration in the American South and Southwest. The course focuses on the methods and approaches of this area of study and introduces you to some of the most important books and ideas. The course especially explores the comparative method as a way of making sense of the past. I am primarily interested in your understanding in detail the connections between race, ethnicity, and migration, and how and why change over time occurred.
3	EN	CVEN	665	1	Water Resources Systems Engineering	Linear and non-linear optimization models and simulation models for planning and management of water systems; single- and multi-objective analysis and deterministic and stochastic techniques.
4	EN	WFSC	624	1	Dynamics of Populations	Principles, models and methods for analysis of population dynamics; analysis of contemporary research emphasizing theory and its uses in evaluation and management of animal populations. Laboratory emphasizes mathematical, statistical and computer modeling of population phenomena.
5	SO	WGST	680	1	Theories of Gender	Theories of gender, sexualities, feminism, embodiment, and difference with particular focus on their relationship to literary and cultural studies; emphasis on contemporary theoretical positions, discourses, and debates.
6	EN, SO	PHIL	689	1	Genomics and Society	This course provides an introduction to key issues relating to genomics in society. It explores social, ethical and policy questions raised by genomics in the context of: synthetic biology, microorganisms, genetics and crops, genetic modification of domesticated animals, genetics and conservation, human genetic therapies, human enhancement, and privacy and genetic information.
7	SO	EHRD	620	2	Emotions in Education and Industry	Exploring and understanding the emotional foundations of effective working relationships among teachers, trainers and trainees in educational, industrial and business settings.
8	SO	SPMT	623	1	Intercollegiate Athletics	Throughout this course we will examine the National Collegiate Athletic Association (NCAA) and intercollegiate athletics. Through the use of various course materials, you will understand historical, legal, financial, educational, and diversity related issues which pertain to intercollegiate athletics. There will be contributions ranging from theoretical perspectives to the study of college sport, to include the sociocultural (race, gender, and class) interactions and their relationships to the NCAA, intercollegiate sport, and higher education.

9	SO	EDAD	601	1	College Teaching	The purpose of this course is to examine and discuss the extant research literature on enhancing student learning with expertise in college-level teaching practices. Specifically, the course readings, lectures, and assignments explore the art and science of teaching and postsecondary faculty development. In addition, the course will focus on helping graduate students from different academic programs learn from other students. Towards that goal, this course will span across two important concepts of effective college teaching and assessment and evaluation of student learning. This course also prepares graduate students who wish to understand why they teach, who they teach, and improve how they teach.
10	EN	BAEN	673	1	Modeling Small Watersheds	Transport of water and chemicals in small agricultural watersheds; simulation using hydrologic models coupled with geographical information systems (GIS); impact of land use on the quality of surface water and groundwater evaluated.
11	EC, SO	MKTG	621	1	Survey of Marketing	Marketing concepts and decisions associated with developing marketing strategies; topics include product, pricing, ethics, distribution, and promotion.
12	SO	AFST	601	1	Methods of Inquiry Into Africana Studies	Familiarization with the methodological tradition of African-centered thinking and its relationship to the more popular term Afro-centricity; representation of the thoughts of notable African centered and Afrocentric scholars throughout history as a means to center African descended people throughout history, social analysis and theoretical accounts.
13	SO	ALEC	608	1	Leadership of Volunteers	Models of volunteerism; reasons for volunteers; assessment and evaluation techniques; task descriptions; organizational relationships.
14	EN	ARCH	606	1	Architectural Design II	Application of verbal, graphic, research, critical thinking and fundamental design skills to architectural projects that emphasize the integration of structural, environmental, life safety, building envelope systems, and building service systems; includes code compliance, resource conservation, cost control and economic analysis. Core design studio for professional degree candidates.
15	EN	ARCH	606	1	Architectural Design II	Application of verbal, graphic, research, critical thinking and fundamental design skills to architectural projects that emphasize the integration of structural, environmental, life safety, building envelope systems, and building service systems; includes code compliance, resource conservation, cost control and economic analysis. Core design studio for professional degree candidates.
16	EN	ARCH	646	1	Historic Preservation Theory and Practice	History of the preservation movement in the U.S. Architectural and regulatory techniques employed in building preservation; case study of selected examples.
17	SO	ARCH	660	1	Design Programming	Study of successful programming approaches to meet user needs in design projects; history and definition of programming, programming techniques, documentation and case studies; applications to buildings, landscape projects and urban design.

18	SO	ARCH	644	1	Visual Cultures of Islamic South Asia	This graduate-level art and architectural history course samples the myriad forms of visual expression produced in South Asia during the reigns of the Sultans (1192-1526) and the Mughal emperors (c. 1526-1857). Works to be considered include Mughal miniature painting; Mughal mosque, palace and tomb architecture at the imperial and sub-imperial levels of patronage; textiles (khilats, jama, tents and carpets); thrones; weapons, jewelry and precious objects; and various forms of durbar, procession and spectacle. Thematically the course engages 1) artistic expressions of power, faith and pleasure associated with Islamic rule in its specifically South Asian contexts; 2) the visual traditions and practices of non-Muslim communities, including but not limited to Rajput, Hindu, Jain, Armenian and European/Christian; and 3) the presence of the British, whose influence gained greater potency following the transfer of the diwani to the British East India Company in 1765, culminating with the Sepoy Rebellion in 1857.
19	EN, EC, SO	ARCH	663	1	Interior Architecture	Theory and application of design processes incorporating programming, space planning, analysis and communication of interior requirements for various building types with emphasis on spatial organization, selection of components and materials to satisfy user needs; emphasis on design of the workplace as the synthesis of human factors, organizational theory, systems technology and communication.
20	SO	COMM	689	1	Visual Rhetoric	We are surrounded by visual imagery in our daily lives. At the same time, the ubiquity of visual images makes it difficult for us to critically evaluate the images we see. In this seminar we will engage and participate in the developing conversation across the humanities and social sciences about the implications of what is being called the "pictorial turn." This course will consider the rhetorical aspects of the pictorial turn by exploring the multiple ways in which visual images become inventional resources for argument in the public sphere.
21	EN, EC, SO	CVEN	689	1	Tools for Highway Materials and Pavement Design	This course addresses the theory and practice in pavement design, pavement performance, structural design of pavement layers, types of materials used in pavement layers, characterization of pavement layer materials. Concepts of pavement management will be introduced. Pavement design computational tools will be introduced and applied.
22	SO	EDCI	673	4	Analysis of Teaching Behavior	Identification of beliefs and assumptions regarding teaching; review of research on teacher effectiveness; alternative methods for gathering data regarding dimensions of teaching behavior; development of teacher analysis systems.
23	SO	EDCI	673	1	Analysis of Teaching Behavior	This course is designed to facilitate the exploration of strategies employed to observe and to reflect on classroom teaching behaviors. Research results that form the basis for a definition of "effective teaching" will be identified and emphasized throughout the course. Students will have opportunities to (a) develop research questions about teaching and learning, (b) examine and critique existing teacher observation systems, and (c) develop an observation instrument for use in analyzing teacher behavior.
24	SO	HLTH	634	1	Women's Health	Health and health care concerns of women; emphasis on importance of women's health issues to public health; identification of special concerns for planning and implementation of women's health programs.
25	SO	HLTH	684	2	Professional Internship	Designed to assist students gain health education field experience with professionals in schools, workplace, non-profit, and/or community health agencies.
26	SO	HLTH	640	1	Health Intervention and Wellness	Wellness as a concept and a process; systematic planning, implementation and evaluation of wellness programs and review of research relating to the efficacy of wellness programs and methods.

27	SO	MGMT	630	1	Behavior in Organizations	Organizational behavior theory, research and applications; focuses on the individual and group levels of analysis; includes: learning principles, perceptions, attitudes and job satisfaction, work motivation, job design, group properties and processes, leadership, conflict, communication, personality influences on work attitudes and behaviors, work-life issues and job stress.
28	SO	NUTR	684	1	Professional Internship	Nutrition care practices in clinical, community, and administrative settings. Provide medical nutrition therapy to diverse patient populations.
29	EN	OCNG	640	1	Chemical Oceanography	Chemical composition and properties of seawater, evaluation of salinity, pH, excess base and carbon dioxide in sea. Marine nutrients, oxygen and other dissolved gases, organic constituents.
30	EN, SO	SCSC	620	1	Brazilian Agriculture and Food Production Systems	Compare Brazilian and U.S. agriculture and culture related to soil, water, and forest conservation and management in Brazil; tour and learn about Amazon River, rain forest, Brasilia, farm, ranch, and floral production systems, agricultural cooperatives and research, sugar and alcohol production, phosphate mining and production; visit points of interest.
31	SO	SPSY	641	1	Child Therapy for School Behavior Problems	Selected therapy approaches for treating childhood behavior disorders that interfere with children's interpersonal and intrapersonal adjustment and school learning; play therapy, behavior therapy, cognitive therapies; case studies; observation of therapy cases in public and/or mental health settings.
32	SO	WGST	685	1	Sex and Sexuality in History	This course investigates sex and sexuality in history by focusing primarily on the early-modern and modern eras in the Anglo-American Atlantic world, although we will delve further back into the past and address different places at times during the course. It will examine changing ideas about sex and sexuality over time, including their interaction with concepts of gender, race, class, religion, science, technology, medicine, politics, and popular culture. It will further address historical and cultural processes creating modern concerns about sex and sexuality. We will pay particular attention to the historically contingent nature of understandings of sex and sexuality and to explaining why and how these understandings have changed.
33	SO	WGST	689	1	Gender and the Horror Genre	This seminar will allow us to explore and analyze the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity. We will focus on the horror film as it has been used to allegorize struggles related to male and female subjectivity and hetero and homosexual desire, asking ourselves if horror allows people, at a pop-cultural level, to address the deepest and most profound fears and fantasies associated with their gender concerns and sexual identities.