

Recommended Courses

Recommended First-Year General Education Elective Courses (Subject to Availability)

The following courses will meet the core requirements for ALL College of Design programs. Additional courses are offered that may apply to specific degree requirements. Please consult your adviser before taking courses not on this list and to find out more if you are interested.

Mathematical, Physical & Biological Sciences

AGRON 120. Introduction to Renewable Resources. (Cross-listed with ENV S, NREM). (3-0) Cr. 3.0. F.S.

Overview of soil, water, plants, and animals as renewable natural resources in an ecosystem context. History and organization of resource management. Concepts of integrated resource management.

ANTHR 202. Introduction to Biological Anthropology and Archaeology. (3-0) Cr. 3. F.S.

Human biological and cultural evolution; survey of the evidence from fossil primates, the human fossil record and the archaeological record, as well as living primates; introduction to research methods in archaeology and biological anthropology.

ASTRO 120. The Sky and the Solar System. (3-0) Cr. 3.0. F.S.SS.

For the nonscientist. The sky: constellations; motions of the sun, moon, and planets; seasons and the calendar; eclipses. The solar system: origin and evolution; characteristics of the sun, planets, satellites, comets, meteorites, and asteroids. Extensive use of the planetarium is included. Students who take ASTRO 120 may count credit in only one of ASTRO 102 or 103 toward graduation.

ASTRO 150. Stars, Galaxies, and Cosmology. (3-0) Cr. 3.0. F.S.

For the nonscientist. Observational aspects of stellar astronomy: motions, distances, sizes, spectra; types of stars; variability; binary systems. Stellar evolution: the birth, life, and death of stars, including supernovae, neutron stars, and black holes. The Milky Way Galaxy: clouds of matter in space, the structure and evolution of our galaxy. Other galaxies, clusters of galaxies, quasars. Theories of the origin of the universe.

BIOL 101. Introductory Biology. (3-0) Cr. 3.0. F.S.SS.

Life considered at cellular, organism, and population levels. Function and diversity of the living world. Presentation of basic biological principles as well as topics and issues of current human interest. Intended primarily for non-majors; available to biology majors for elective credit.

BIOL 155. Human Biology (3-0) Cr. 3.0. F.S.

A survey course of human biology, including principal structures and functions of the body systems and the diseases and disorders associated with them. Designed to meet general education requirements in natural science. Not recommended for those seeking a career in the allied health professions or for students majoring in life science.

Recommended Courses

Mathematical, Physical & Biological Sciences (continued)

BIOL 173. Environmental Biology. (Cross-listed with ENV S). (3-0) Cr. 3.0. F.S.

An introduction to the structure and function of natural systems at scales from the individual to the biosphere and the complex interactions between humans and their environment. Discussions of human population growth, biodiversity, sustainability, resource use, and pollution. Non-majors only.

BIOL 211. Principles of Biology I. (3-0) Cr. 3.0. F.S. *Prereq: High school biology and chemistry or credit or enrollment in CHEM 163 or 177.*

Introduction to the nature of life, including the cellular basis of life; the nature of heredity; evolution; diversity of microbial, plant, and animal life; and principles of ecology. Intended for life science majors. First of core series of required courses for the biology major.

BIOL 255. Fundamentals of Human Anatomy. (3-0) Cr. 3.0. F. *Prereq: High School Biology and Chemistry, or BIOL 101*

An introduction to human anatomy, beginning with cells and tissues, surveying all body systems, relating form to function. Systems covered include: integumentary, bones and joints, muscles, nervous, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive. Does not satisfy biology major requirements.

CHEM 160. Chemistry in Modern Society. (3-0) Cr. 3.0. F.S.

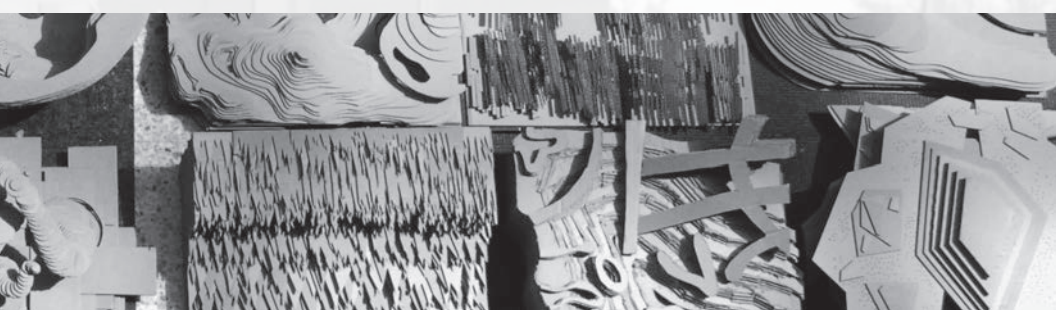
Aspects of chemistry visible to a non-scientist in our society. A survey of selected areas of chemistry with emphasis on the interface between chemistry and other fields of human activity.

FS HN 101. Food and the Consumer. (3-0) Cr. 3.0. F.S.SS. *Prereq: High school biology and chemistry or 3 credits each of biology and chemistry*

The food system from point of harvest to the consumption of the food by the consumer. Properties of food constituents. Protection of food against deterioration and microbial contamination. Introduction of foods into the marketplace. Processes for making various foods. Government regulations. Use of food additives. Current and controversial topics. Electronic communication from web emphasized for class reports, notes and assignments.

FS HN 167. Introduction to Human Nutrition. (3-0) Cr. 3.0. F.S.SS. *Prereq: High school biology or 3 credits of biology*

Understanding and implementing present day knowledge of nutrition. The role of nutrition in the health and well-being of the individual and family.



Mathematical, Physical & Biological Sciences (continued)

GEOL 100. The Earth. (3-0) Cr. 3.0. F.S.SS.

How does the earth work, what is it made of, and how does it change through time? Plate tectonics, Earth materials, landforms, structures, climate, and natural resources. Emphasis on the observations and hypotheses used to interpret Earth system processes. Students may also enroll in GEOL 100L.

GEOL 101. Environmental Geology: Earth in Crisis. (Cross-listed with ENV S). (3-0) Cr. 3.0. F.S.

An introduction to geologic processes and the consequences of human activity from local to global scales. Discussion of human population growth, resource depletion, pollution and waste disposal, global warming and ozone depletion, desertification, and geologic hazards such as earthquakes, landslides, flooding, and volcanism.

GEOL 108. Introduction to Oceanography. (3-0) Cr. 3. F.

Introduction to study of the oceans. Ocean exploration. Waves and currents. Shape, structure, and origin of the ocean basins. Sedimentary record of oceanic life. Composition of seawater and its significance for life. Ocean circulation and its influence on climate. Life of the oceans, including coral reefs. Use and misuse of ocean resources. Anthropogenic impacts on the oceanic environment.

GEOL 201. Geology for Engineers and Environmental Scientists. (2-2) Cr. 3. F.

Introduction to Earth materials and processes with emphasis on engineering and environmental applications.

MATH 104. Introduction to Probability and Matrices. (3-0) Cr. 3.0. F.S. *Prereq: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry*

Permutations, combinations, probability, binomial and multinomial theorems, matrices, expected value. Either MATH 104 or 150 may be counted toward graduation, but not both.

MATH 105. Introduction to Mathematical Ideas. (3-0) Cr. 3.0. F.S. *Prereq: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry*

Topics from mathematics and mathematical applications with emphasis on their nontechnical content.

MATH 140. College Algebra. (3-1) Cr. 3.0. F.S.SS. *Prereq: Satisfactory performance on placement exam, 2 years of high school algebra; 1 year of high school geometry*

Coordinate geometry, quadratic and polynomial equations, functions, graphing, rational functions, exponential and logarithmic functions, inverse functions, quadratic inequalities. Students in the College of Liberal Arts and Sciences may not count MATH 140, 141, 142, or 195 toward Group III of the General Education Requirements.

Recommended Courses

Mathematical, Physical & Biological Sciences (continued)

MATH 145. Applied Trigonometry. (2-1) Cr. 3.0. F.S.SS. *Prereq: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry, or enrollment in MATH 140*

Mathematical ideas regarding the conception of space. General Trigonometry, with an emphasis on the calculation of lengths, areas, and angles. The Law of Sines and the Law of Cosines. Polar, cylindrical, and spherical coordinate systems. Conic sections and Quadric Surfaces. Students in the College of Liberal Arts and Sciences may not count Math 145 toward the General Education Requirements. Only one of Math 143 and 145 may count toward graduation.

MATH 150. Discrete Mathematics for Business and Social Sciences. (2-1) Cr. 3.0. F.S.SS.

Prereq: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry

Linear equations and inequalities, matrix algebra, linear programming, discrete probability. Either MATH 104 or MATH 150 may be counted toward graduation, but not both.

MATH 151. Calculus for Business and Social Sciences. (2-1) Cr. 3.0. F.S.SS.

Prereq: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry

Differential calculus, applications to max-min problems, integral calculus and applications. Will not serve as prerequisite for MATH 265 or MATH 266. Only one of MATH 151, MATH 160, the sequence MATH 165-MATH 166, or the sequence MATH 181-MATH 182 may be counted towards graduation.

MICRO 101. Microbial World. (3-0) Cr. 3.0. F. *Prereq: High school biology or equivalent*

Introduction to the importance of viruses, bacteria, fungi, archaea and parasites both to humans and to the biosphere. Topics include past and present microbial impact on humans and society, ecology and diversity of microbes, biotechnology and microbial impact on the biosphere.

MTEOR 206. Introduction to Weather and Climate. (Cross-listed with AGRON). (3-0) Cr. 3.0. F.S.

Basic concepts in weather and climate, including atmospheric measurements, radiation, stability, precipitation, winds, fronts, forecasting, and severe weather. Applied topics include global warming, ozone depletion, world climates and weather safety.

PHYS 101. Physics for the Nonscientist. (3-0) Cr. 3.0. F.S.

Survey of the principal areas of both classical and modern physics. Emphasis on the nature of the physical universe and the application of physical principles to life in the modern world. Not suitable to meet a general physics requirement for natural science majors.



Mathematical, Physical & Biological Sciences (continued)

PHYS 131 & 131L. General Physics. (4-2) Cr. 5.0. F.S.SS. *Prereq: 1½ years of high school algebra, 1 year of geometry, 1 semester of trigonometry*

General background in physical concepts, principles, and methods for those who do not plan advanced study in physics or engineering. Mechanics, fluids, heat and thermodynamics, vibrations, waves, sound.

STAT 101. Principles of Statistics. (3-2) Cr. 4.0. F.S.SS. *Prereq: 1½ years of high school algebra*

Statistical concepts in modern society; descriptive statistics and graphical displays of data; the normal distribution; data collection (sampling and designing experiments); elementary probability; elements of statistical inference; estimation and hypothesis testing; linear regression and correlation; contingency tables. Credit for only one of the following courses may be applied toward graduation: STAT 101, 104, 105, 226.

STAT 104. Introduction to Statistics. (2-2) Cr. 3.0. F.S.SS. *Prereq: 1½ years of high school algebra*

Statistical concepts and their use in science; collecting, organizing and drawing conclusions from data; elementary probability; binomial and normal distributions; regression; estimation and hypothesis testing. For students in the agricultural and biological sciences. Credit for only one of the following courses may be applied toward graduation: STAT 101, 104, 105, 226.

Students who intend to apply to the Architecture program are advised to take MATH 145 and PHYS 131 & 131L during their Core year. Either the grade from MATH 145 or PHYS 131 & 131L will be used to calculate the Core GPA for application purposes.

Students who intend to apply to the Landscape Architecture program need to take MATH 140 during their Core year.

Students who intend to apply to the Industrial Design program are advised to take PHYS 101 or PHYS 131 & 131L, and a math course.

Recommended Courses

Humanities: Introduces students to cultural heritage & history

AF AM 201. Introduction to African American Studies. (3-0) Cr. 3.0. F.S.

An interdisciplinary introduction to the study of African American culture. Includes history, the social sciences, literature, religion, and the arts, as well as conceptual frameworks for investigation and analysis of the African American experience. Meets U.S. Diversity Requirement.

AM IN 210. Introduction to American Indian Studies. (3-0) Cr. 3.0. F.S.SS.

Introduction to the multidisciplinary aspects of American Indian studies. Topics include literature, the arts, history, anthropology, sociology, education, and contemporary Indian politics. Guest lectures, media presentations, and discussion of assigned readings. Meets U.S. Diversity Requirement.

AM IN 225. American Indians of Iowa. (Cross-listed with ANTHR). (3-0) Cr. 3.0. F.

Cultures and histories of Native people who have called the present state of Iowa home; primary focus on the period between 1700 CE and the present; Native interactions with Spanish, French, British, and American people. Meets U.S. Diversity Requirement

CL ST 273. Greek and Roman Mythology. (3-0) Cr. 3.0. F.SS.

Survey of the legends, myths of the classical world with emphasis on the principal gods, and heroes, and their relation to ancient social, psychological, and religious practices; some attention may be given to important modern theories. Meets International Perspectives Requirement. H. Honors (4-0) Cr. 4.

CL ST 275. The Ancient City. (3-0) Cr. 3.0. F.S.

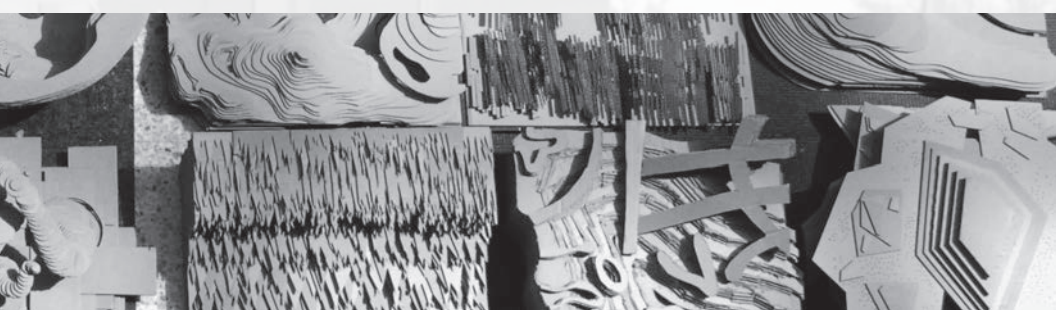
Examination of ancient urban life, including historical context, physical space, material culture, religion, literature, and art; examination of civic identity (the "polis"). Contrast between the concepts of urban and rural. Examples drawn from specific ancient cities; some attention to modern methods of recovering the conditions of ancient urban life and the fundamental concept of the city in European history. Meets International Perspectives Requirement.

DANCE 270. Dance Appreciation. (3-0) Cr. 3.0. F.S.

Introduction to the many forms and functions of dance in world cultures. Develop abilities to distinguish and analyze various dance styles. No dance experience required. Meets International Perspectives Requirement.

ENGL 201. Introduction to Literature. (3-0) Cr. 3.0. *Prereq: Credit in or exemption from 150*

Study of selected examples of drama, poetry, short fiction, and the novel drawn from both British and American literature. Recommended for non-majors.



Humanities (continued)

ENGL 240. Introduction to American Indian Literature. (Cross-listed with AM IN). (3-0) Cr. 3.0. F.

Prereq: Credit in or exemption from ENGL 150

Appreciation of oral and written forms of American Indian literatures. Tropes and techniques in oral, visual and written texts. Focus on the role of American Indians in interdisciplinary approaches to modern social and environmental issues as expressed in literary works. Meets U.S. Diversity Requirement.

HIST 201. Introduction to Western Civilization I. (3-0) Cr. 3.0. F.

Western civilization from ancient Mediterranean world to 1500. Social and cultural developments; economic and political ideas and institutions; problems of historical change and continuity. Meets International Perspectives Requirement.

HIST 221. Survey of United States History I. (3-0) Cr. 3.0. F.

Colonial foundations: revolution, confederation, and constitution; nationalism and democracy; sectional disunity, Civil War, and reunion.

HIST 225. Introduction to Asian American Studies. (3-0) Cr. 3.

An interdisciplinary and chronological examination of Asian American immigration experiences from the early 19th century to the 21st century. Focus on how these immigration histories are accompanied by changing racial constructions. Discussion of racial stereotyping, the model minority myth, identity development, and efforts for social justice. Meets U.S. Diversity Requirement.

MUSIC 102. Introduction to Music Listening. (3-0) Cr. 3.0. F.S.SS.

Expansion of the music listening experiences for the general student through greater awareness of differences in techniques of listening, performance media, and materials of the art. The course focuses on the elements of music: rhythm, melody, harmony, form, and style, and how these elements are used in musics of different cultures and time periods. Ability to read or perform music not required. Meets International Perspectives Requirement.

PHIL 201. Introduction to Philosophy. (3-0) Cr. 3.0. F.S.SS.

It has been rumored that the unexamined life is not worth living. Philosophy is an attempt to begin examining life by considering such questions as: What makes us human? What is the world ultimately like? How should we relate to other people? Is there a God? How can we know anything about these questions? Understanding questions of this kind and proposed answers to them is what this course is all about.

PHIL 206. Introduction to Logic and Scientific Reasoning. (3-0) Cr. 3.0. F.S.SS.

Basic principles of critical reasoning and argument evaluation. A consideration of basic forms of argumentation in science and everyday life. Application to contemporary issues and controversies.

Recommended Courses

Humanities (continued)

PHIL 230. Moral Theory and Practice. (3-0) Cr. 3.0. F.S.SS.

Investigation of moral issues in the context of major ethical theories of value and obligation; e.g., punishment, abortion, economic justice, job discrimination, world hunger, and sexual morality. Emphasis on critical reasoning and argument analysis.

RELIG 205. Introduction to World Religions. (3-0) Cr. 3.0. F.S.SS.

An introduction to the academic study of religions, including myths, beliefs, rituals, values, social norms. Examples chosen from oral cultures and major religions of the world. Meets International Perspectives Requirement.

RELIG 210. Religion in America. (3-0) Cr. 3.0. F.S.SS.

Introductory study of the major beliefs, practices, and institutions of American Judaism, Catholicism, Protestantism, and Islam with emphasis on the diversity of religion in America, and attention to issues of gender, race, and class. Meets U.S. Diversity Requirement.

RELIG 220. Introduction to the Bible. (3-0) Cr. 3.0. F.S.

Basic overview of the contents of the Old and New Testament in light of their ancient socio-historical background, and with attention to a variety of interpretations and relevance to modern American society.

RELIG 242. History of Christianity: Beginnings to the Reformation. (3-0) Cr. 3.0. F.S.SS.

A survey of the major historical developments in Christian thought and practice that shaped Christianity from the time of Jesus through the late medieval period. Attention given to significant persons and major events, including those involving relations with Judaism and Islam. Meets International Perspectives Requirement.

RELIG 280. Introduction to Catholicism. (3-0) Cr. 3.0. F.

An explanation of the beliefs, spirit, and practices of Roman Catholicism, including its understanding of God, sacramentality, the human person, and community, and its relationship to other forms of Christianity and other world religions.

SP CM 216. America Speaks: Great Speakers and Speeches in US History. (3-0) Cr. 3.0. F.

Survey of great speeches examined within their political and cultural contexts. Analysis of the rhetorical strategies of diverse speakers with an emphasis on texts from social movements in the United States. Meets U.S. Diversity Requirement.

THRE 106. Introduction to the Performing Arts. (3-0) Cr. 3.0. F.S.SS.

An audience-oriented, broadbased, team-taught survey of the performing arts which emphasizes theatre and includes segments on television, radio, film, dance, and music.



Humanities (continued)

THRE 110. Theatre and Society. (3-0) Cr. 3.0. F.S.

An introduction to theatre focusing on its relationship with society throughout history.

US LS 211. Introduction to U.S. Latino/a Studies . (3-0) Cr. 3.0. F.S.

History and current lives of the Latino/a peoples in the United States, including Mexican, Cuban, Puerto Rican, Dominican, and South and Central Americans, as well as information specific to Iowa Latino/as, will be covered. Through readings, class discussions, writing assignments, and guest speakers, students will acquire accurate information and a solid understanding of the US Latino/a population and cultural perspectives. Elements of Latino/a culture to be covered include historical, sociological, educational, psychological, economic, and political facets. Meets U.S. Diversity Requirement.

WGS 201. Introduction to Women's Studies. (3-0) Cr. 3.0.

Introduction to the interdisciplinary field of women's studies. Contemporary status of women in the U.S. and worldwide from social, economic, historical, political, philosophical and literary perspectives. Analysis of intersection of gender, race, class, and sexuality. Subject matter includes work, health, sexuality, and violence. Foundation for the other courses in the program. Meets U.S. Diversity Requirement.

World Language and Cultures

Languages include: Arabic, Chinese, French, German, Greek, Latin, Portuguese, Russian and Spanish. Talk to your adviser about placement.

Recommended Courses

Social Sciences: Introduces students to human behavior & the structure & functioning of institutions

ADVRT 230. Advertising Principles. (3-0) Cr. 3.0. F.S.

Historical, social, economic and legal aspects of advertising. Evaluations of advertising research, media, strategy and appeals. Study of the creation of advertising.

A M D 165. Dress, Appearance, and Diversity in Society. (3-0) Cr. 3.0. F.S.

Examination of diversity among consumers and introduction to forecasting trends in dress. Introduction to social justice issues. Meets U.S. Diversity Requirement.

ANTHR 201. Introduction to Cultural Anthropology. (3-0) Cr. 3.0. F.S.SS.

Comparative study of culture as key to understanding human behaviors in different societies. Using a global, cross-cultural perspective, patterns of family life, economic and political activities, religious beliefs, and the ways in which cultures change are examined. Meets International Perspectives Requirement.

ANTHR 230. Globalization and the Human Condition. (3-0) Cr. 3.0. F.S.

An introduction to understanding key global issues in the contemporary world. Focuses on social relations, cultural practices and political-economic linkages among Africa, the Americas, Asia, Europe and the Pacific. Meets International Perspectives Requirement.

COMST 101. Introduction to Communication Studies. (3-0) Cr. 3.0. F.S.

An introduction to communication theory, the development and functions of communication, and a survey of verbal, nonverbal, interpersonal, small group, organizational, and intercultural communication.

COMST 211. Interpersonal Communication. (3-0) Cr. 3.0. F.S.

Application of communication principles, theory, and research to the process of interpersonal communication; includes verbal and nonverbal communication, listening, and conflict management. Particular emphasis given to using communication to manage interpersonal relationships.

ECON 101. Principles of Microeconomics. (3-0) Cr. 3.0.

Resource allocation, opportunity cost, comparative and absolute advantage. Supply and demand. Marginal analysis. Theories of production and consumption, pricing, and the market system. Perfect and imperfect competition and strategic behavior. Factor markets. Present discounted value. H. Honors Section (Honors program students only) H. Principles of Microeconomics

ECON 102. Principles of Macroeconomics. (3-0) Cr. 3.0. *Prereq: 101 recommended*

Measurement of macro variables and general macro identities. Classical models of full employment. Production and growth. Savings and investment. Employment and unemployment. Money, inflation, and price levels. Operation of the U.S. banking system. Fiscal and monetary policy. Elements of international finance. H. Honors (Honors program students only)



Social Sciences (continued)

HD FS 102. Individual and Family Life Development. (3-0) Cr. 3.0. F.S.SS.

Development of individuals, families, and their reciprocal relationships as affected by external factors; examined within a framework of lifespan developmental tasks.

HD FS 239. Housing and Consumer Issues. (3-0) Cr. 3.0. F.S.

Introduction to factors affecting consumer and housing decisions of individuals and families, including housing issues such as housing quality, accessibility and affordability, neighborhood/housing contexts for families; and consumer issues such as consumer protection, legislation and regulation, and consumer fraud. Meets U.S. Diversity Requirement.

HD FS 276. Human Sexuality. (3-0) Cr. 3.0. F.S.SS.

Behavioral, biological, and psychological aspects of human sexuality within the social context of family, culture, and society. Role of sexuality in human development. Critical analysis of media and research. Communication and decision-making skills relating to sexuality issues and relationships. Meets U.S. Diversity Requirement.

JL MC 101. Mass Media and Society. (3-0) Cr. 3.0. F.S.SS.

Communication theory models and their application to the mass media; the mass communication process; organization, characteristics and responsibilities of the mass media; media literacy process.

POL S 215. Introduction to American Government. (3-0) Cr. 3.0. F.S.SS.

Fundamentals of American democracy; constitutionalism; federalism; rights and duties of citizens; executive, legislative, and judicial branches of government; elections, public opinion, interest groups, and political parties.

POL S 235. Introduction to Ethics and Politics. (3-0) Cr. 3.0. F.SS.

Introduction to moral controversies surrounding political issues such as violence, deception, corruption, civil disobedience, democracy, justice, equality, and freedom. Students will read classic and contemporary texts and consider political applications.

POL S 241. Introduction to Comparative Government and Politics. (3-0) Cr. 3.0. F.S.

Basic concepts and major theories; application to selected political systems, including non-western political systems. Meets International Perspectives Requirement.

POL S 251. Introduction to International Politics. (3-0) Cr. 3.0. F.S.

Dynamics of interstate relations pertaining to nationalism, the nation state; peace and war; foreign policy making; the national interest; military capability and strategy; case studies of transnational issues, such as population, food, energy, and terrorism. Meets International Perspectives Requirement.

Recommended Courses

Social Sciences (continued)

PR 220. Principles of Public Relations. (3-0) Cr. 3.0. F.S.

Introduction to public relations in business, government and non-profit organizations; functions, processes, and management; ethics, public opinion and theory.

PSYCH 101. Introduction to Psychology. (3-0) Cr. 3.0. F.S.SS.

Fundamental psychological concepts derived from the application of the scientific method to the study of behavior and mental processes. Applications of psychology. H. Honors section. (2-2) Fall. (Honors program students only)

PSYCH 230. Developmental Psychology. (3-0) Cr. 3.0. F.S.SS.

Life-span development of physical traits, cognition, intelligence, language, social and emotional behavior, personality, and adjustment.

PSYCH 280. Social Psychology. (3-0) Cr. 3.0. F.S.SS.

Individual human behavior in social contexts. Emphasis on social judgments and decisions, attitudes, perceptions of others, social influence, aggression, stereotypes, and helping.

SOC 134. Introduction to Sociology. (3-0) Cr. 3.0. F.S.SS.

Social interaction and group behavior with emphasis on the scientific study of contemporary U.S. society, including issues relating to socialization, inequality, and changing rural and urban communities. Analysis of relationships among the institutions of family, religion, political participation, work, and leisure. Credit for only SOC 130 or 134 may be applied toward graduation. H. Honors.

SOC 220. Globalization and Sustainability. (Cross-listed with ANTHR, ENV S, GLOBE, M E, MAT E). (3-0) Cr. 3.0. F.S.

An introduction to understanding the key global issues in sustainability. Focuses on interconnected roles of energy, materials, human resources, economics, and technology in building and maintaining sustainable systems. Applications discussed will include challenges in both the developed and developing world and will examine the role of technology in a resource-constrained world. Cannot be used for technical elective credit in any engineering department. Meets International Perspectives Requirement.

SP CM 110. Listening. (3-0) Cr. 3.0. F.S.

Theory, principles, and competency development in comprehensive, therapeutic, critical, consumer, and appreciative listening. The impact of listening in relationships and partnerships.

WGS 205. Introduction to Queer Studies. (3-0) Cr. 3.0. F. *Prereq: ENGL 150*

Interdisciplinary study of issues relating to lesbian, gay, bisexual, transgender, and queer identities in the U.S. Attention will be given to race and socioeconomic class. Meets U.S. Diversity Requirement.