

ARB	101	<b>Arabic I</b> (4) Proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Arabic. Students cannot enroll in ARB 101 after earning credit for ARB 102, ARB 201, or ARB 202 or higher.
ARB	201	<b>Arabic III</b> (4) Continuing proficiency-based course, which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Arabic. Students cannot enroll in ARB 201 after earning credit for ARB 202 or higher.
CHI	101	<b>Chinese I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Chinese. No prior experience or admission by placement testing. Students cannot enroll in CHI 101 after earning credit for CHI 102, CHI 201, CHI 202 or higher.
CHI	201	<b>Chinese III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Chinese. Students cannot enroll in CHI 201 after earning credit for CHI 202 or higher.
FRE	101	<b>French I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in French. No prior experience or admission by placement testing. Students cannot enroll in FRE 101 after earning credit for FRE 102, FRE 201, FRE 202, or higher.
FRE	102	<b>French II</b> (4) Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in French. Students cannot enroll in FRE 102 after earning credit for FRE 201, FRE 202, or higher.
FRE	201	<b>French III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in French. Students cannot enroll in FRE 201 after earning credit for FRE 202 or higher.
FRE	202	<b>French IV</b> (4) Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in French. Students cannot enroll in FRE 202 after earning credit for a course higher than FRE 202.
GER	101	<b>German I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in German. No prior experience or admission by placement testing. Students cannot enroll in GER 101 after earning credit for GER 102, GER 201, GER 202, or higher.
GER	201	<b>German III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in German. Students cannot enroll in GER 201 after earning credit for GER 202 or higher.
GRE	101	<b>Ancient Greek I</b> (4) Introductory course which prepares students to acquire a reading knowledge of Classical Attic Greek, focusing on morphology and syntax, and its role in the culture and literature of ancient Greek society. No prior

experience or admission by placement testing. Students cannot enroll in GRE 101 after earning credit for GRE 102, GRE 201, GRE 202, or higher.

HEB	101	<b>Hebrew I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hebrew. No prior experience or admission by placement testing. Students cannot enroll in HEB 101 after earning credit for HEB 102, HEB 201, HEB 202, or higher.
HEB	201	<b>Hebrew III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Hebrew. Students cannot enroll in HEB 201 after earning credit for HEB 202 or higher.
HIN	101	<b>Hindi/Urdu I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hindi/Urdu. Students cannot enroll in HIN/SAS 101 after earning credit for HIN/SAS 102, HIN/SAS 201, HIN/SAS 202, or higher.
HIN	201	<b>Hindi/Urdu III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Hindi/Urdu. Students cannot enroll in HIN/SAS 201 after earning credit for HIN/SAS 202 or higher.
ITA	101	<b>Italian I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Italian. No prior experience or admission by placement testing. Students cannot enroll in ITA 101 after earning credit for ITA 102, ITA 201, ITA 202, or higher.
ITA	102	<b>Italian II</b> (4) Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Italian. Students cannot enroll in ITA 102 after earning credit for ITA 201, ITA 202, or higher.
ITA	201	<b>Italian III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Italian. Students cannot enroll in ITA 201 after earning credit for ITA 202 or higher.
ITA	202	<b>Italian IV</b> (4) Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in Italian. Students cannot enroll in ITA 202 after earning credit for a course higher than ITA 202.
JPS	101	<b>Japanese I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Japanese. No prior experience or admission by placement testing. Students cannot enroll in JPS 101 after earning credit for JPS 102, JPS 201, JPS 202, or higher.
KOR	101	<b>Korean I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Korean. Students cannot enroll in KOR 101 after earning credit for KOR 102, KOR 201, KOR 202, or higher.

LAT	101	<b>Latin I</b> (4) Introductory course which prepares students to acquire a reading knowledge of classical Latin, focusing on morphology and syntax, and its role in the culture and literature of ancient Roman society. Students cannot enroll in LAT 101 after earning credit for LAT 102, LAT 201, LAT 202, or higher.
POR	101	<b>Portuguese I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Portuguese. No prior experience or admission by placement testing. Students cannot enroll in POR 101 after successfully completing POR 102, 201, or 202 or higher.
POR	201	<b>Portuguese III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Portuguese. Students cannot enroll in POR 201 after earning credit for POR 202 or higher.
RUS	101	<b>Russian I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Russian. No prior experience or admission by placement testing. Students cannot enroll in RUS 101 after earning credit for RUS 102, RUS 201, RUS 202, or higher.
RUS	201	<b>Russian III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Russian. Students cannot enroll in RUS 201 after earning credit for RUS 202 or higher.
SPA	101	<b>Spanish I</b> (4) Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Spanish. No prior experience or admission by placement testing. Students cannot enroll in SPA 101 after earning credit for SPA 102, SPA 201, SPA 202, or higher.
SPA	102	<b>Spanish II</b> (4) Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Spanish. Students cannot enroll in SPA 102 after earning credit for SPA 201, SPA 202, or higher.
SPA	201	<b>Spanish III</b> (4) Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Spanish. Students cannot enroll in SPA 201 after earning credit for SPA 202 or higher.
SPA	202	<b>Spanish IV</b> (4) Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in Spanish. Students cannot enroll in SPA 202 after earning credit for a course higher than SPA 202.
TRK	101	<b>Turkish I</b> (4) Proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Turkish. Students cannot enroll in TRK 101 after earning credit for TRK 102, TRK 201, TRK 202, or higher.
MAT	121	<b>Probability and Statistics for the Liberal Arts I</b> (4) First in a two-course sequence. Teaches probability and statistics by focusing on data and reasoning. Topics include displaying data, numerical measures of data, elementary

probability, discrete distributions, normal distributions, confidence intervals. NOTE: A student cannot receive credit for MAT 121 after completing STT 101 or any MAT course numbered above 180 with a grade of C or better.

- MAT 183 **Elements of Modern Mathematics** (4) Linear equations, matrices, and linear programming. Introduction to mathematics of finance. Discrete probability theory. For students interested in management, finance, economics, or related areas.
- MAT 194 **Precalculus** (4) Polynomial, rational, exponential, and logarithmic functions. Analytical trigonometry and trigonometric functions. A student cannot receive credit for MAT 194 after receiving a grade of C or better in any calculus course. Credit cannot be given for both MAT 193 and MAT 194.
- MAT 221 **Elementary Probability and Statistics I** (3) First of a two-course sequence. For students in fields that emphasize quantitative methods. Probability, design of experiments, sampling theory, introduction of computers for data management, evaluation of models, and estimation of parameters.
- MAT 285 **Life Sciences Calculus I** (3) Functions and their graphs, derivatives and their applications, differentiation techniques, the exponential and logarithm functions, multivariable differential calculus including constrained optimization. MAT 285 may not be taken for credit after successful completion of MAT 284 or MAT 295.
- MAT 286 **Life Sciences Calculus II** (3) Antidifferentiation; the definite integral and applications; first order differential equations with applications. Cannot be taken for credit after successfully completing MAT 296.
- MAT 295 **Calculus I** (4) Analytic geometry, limits, derivatives, maxima-minima, related rates, graphs, differentials, exponential and logarithmic functions, mean-value theorem, L'Hospital's rule, integration. For science majors. MAT 295 may not be taken for credit after successful completion of MAT 286.
- MAT 296 **Calculus II** (2-4) Integration: the definite integral and applications; trigonometric functions, methods of integration, improper integrals, infinite series, elementary differential equations, parametric equations, polar coordinates.
- AAS 138 **Writing About Black Culture** (3) Expository writing based on cogent analysis of African American literature, art, music, and history ideas.
- AAS 231 **African American Literature to 1900: An Introduction** (3) African American literature and folklore from colonial days to 1900. Autobiographies, fiction, and poetry, including works by Wheatley, Douglass, Jacobs, Brown, Webb, Hopkins, Dunbar, Chesnut, Dubois, Johnson, Washington.
- ANT 185 **Global Encounters: Comparing World Views & Values Cross-Culturally** (3) Predominant views of reality and values in the cultures of Asia, Africa, and the Americas. Humanistic study of cultures and nature of cross-cultural understanding.
- ENG 105 **Introduction to Creative Writing** (3) This course is designed to introduce the student to three types of creative writing: poetry, fiction and mixed literary forms, and the craft and skills needed to write effectively in each.
- ENG 107 **Living Writers** (3) Introduction to visiting writers and their work. Lectures and small group sections emphasize dynamic and plastic nature of writing. Opportunity to question the authors directly on content, influences, and technique.
- ENG 114 **British Literature, 1789 to Present** (3) British literature since 1789.

- ENG 117      **American Literature, 1789 to Present** (3) American writing before 1865, mainly from the English-speaking colonies and the United States.
- ENG 119      **Topics in U.S. Literary History: U.S. Fiction 1940-2015** (3) This lecture course offers a survey of U.S. fiction written from the late 1940s to the early 2000s. We will interpret the fiction through a sociohistorical lens, and place particular emphasis on investigating the interconnections between literary form and social change. After an initial survey of fiction written in direct response to World War II and its aftermath, we will read texts associated with or influenced by the counterculture, the Vietnam War, the Civil Rights, Black Power and Black Arts Movements, Second Wave Feminism, the 1965 Immigration and Nationality Act, and late twentieth-century U.S. consumerism.
- ENG 121      **Introduction to Shakespeare** (3) Selected plays of Shakespeare read in conjunction with performances on video.
- ENG 122      **Introduction to the Novel** (3) Critical study of the history and development of the novel as literary form. Selected British, American, and postcolonial novels from the 18th century to the present.
- ENG 151      **Interpretation of Poetry** (3) Critical study of poetry from various historical periods. Formal, theoretical, and interpretive issues.
- ENG 153      **Interpretation of Fiction** (3) Critical study of fiction from more than one historical period. Formal, theoretical, and interpretive issues.
- ENG 154      **Interpretation of Film** (3) Critical study of film from various historical periods. Formal, theoretical, and interpretive issues.
- ENG 155      **Interpretation of Nonfiction** (3) Critical study of nonfiction from more than one historical period and geographic locale. Formal, theoretical, and interpretive issues.
- ENG 156      **Interpretation of Games** (3) This course will explore the evolving form of digital games, tracing their historical roots in traditional board games and other associated cultural modes of play to current and possible future iterations of video games. We will employ a range of critical approaches to gaming; games will be "read" and critically interrogated as texts, and the relationships between game, player, design, software, interface, and structures of play will be discussed.
- ENG 174      **World Literature, Beginnings to 1000** (3) Readings from classics of antiquity and the first millennium, including Gilgamesh, The Iliad, Ramayana, the Bible, Chinese and Japanese literature, the Quran, and 1001 Nights. Texts are explored in historical context, both past and present.
- ENG 181      **Class and Literary Texts** (3) Construction and representation of "class," especially as it affects the production and reception of literary and other cultural texts.
- ENG 182      **Race and Literary Texts** (3) Construction and representation of "race," especially as it affects the production and reception of literary and other cultural texts.
- ENG 184      **Ethnicity and Literary Texts** (3) Ethnicity in literary and theoretical texts. Emphasizing conceptual paradigms, social issues, and aesthetic considerations in the practice of reading texts from ethnically differentiated literary traditions.
- ENG 192      **Gender and Literary Texts** (3) Construction and representation of "gender," especially as it affects the production and reception of literary and other cultural texts.

ENG	200	<b>Selected Topics: Science Fiction</b> (3) The origins and definition of Science Fiction or speculative fiction are debated by fans and scholars all over the world. Likewise, scholars continue to debate the value of the genre as Literature with a capital L. In this course, we will take the genre and its capacities for profound social commentary seriously as we explore possible beginnings, movements, subgenres and shifts within Science Fiction short stories and novels, as well as some television and film. We will look primarily at U.S. American and British texts, but we will expand beyond the West somewhat. This course features time in our library's Special Collections and opportunities for creative work, as well as critical reading and writing.
HOA	105	<b>Arts and Ideas I</b> (3) Visual arts in relation to broader cultural, historical, and intellectual contexts. HOA 105 surveys the ancient world to the High Renaissance. HOA 106 proceeds from the late Renaissance to the present. Either course may be taken first or independently.
HOM	125	<b>Intro to Music Theory</b> (3) Elementary harmony, form and counterpoint through writing and listening. For non-majors and music theatre majors only.
HOM	165	<b>Understanding Music I</b> (3) Introduction to the art of music. Development of musical styles in the West from ancient Greece through the Middle Ages and Renaissance. Assumes no prior musical knowledge.
HST	111	<b>Early Modern Europe, 1350-1815</b> (3) Major characteristics of European political, social, and cultural life from Middle Ages to advent of democratic revolutions.
JSP	114	<b>The Bible in History, Culture and Religion</b> (3) Jewish and Christian scriptures in their ancient Near Eastern and Hellenistic contexts, with particular attention to their literary forms, the history of their composition, and their role in the development of Western religions and cultures. Credit is not given for REL/JSP 114 and either REL/JSP 215 or REL 217.
JSP	135	<b>Judaism</b> (3) Survey of Judaic ideas, values, and cultural expressions as found in biblical, talmudic, medieval, mystical, and modern texts.
LIN	251	<b>English Words</b> (3) An analysis of English words, their structure, history, meaning, and formation from a theoretically informed linguistic perspective. The course is primarily concerned with the words borrowed from the classical languages.
LIT	211	<b>Greek and Roman Drama in English Translation</b> (3) Selected works of the Greek and Roman dramatists. No knowledge of Greek or Latin required.
LIT	131	<b>Great Jewish Writers</b> (3) Introduction to fiction by Jewish authors. Topics include modernization, rebellion against authority, alienation, childhood, superstition, and the holocaust. Some films included.
LIT	226	<b>Dostoevsky and Tolstoy</b> (3) Lectures, readings, discussions, and reports on Dostoevsky's and Tolstoy's major novels.
MES	165	<b>Discovering Islam</b> (3) Islam as a faith and a civilization. Understanding its origins, beliefs, rituals, and the historical development of its intellectual traditions in the pre-modern and modern eras, and its geographic, cultural and theological diversity today.
PHI	107	<b>Theories of Knowledge and Reality</b> (3) An introduction to some major questions about knowledge and reality, such as the existence of God, the mind-body

problem, free will and the nature and limits of knowledge. Historical and contemporary readings.

- PHI 125 **Political Theory** (3) Introduction to theories of major modern political philosophers (Locke, Rousseau, Hume, J.S. Mill, Marx). Contemporary theories of liberty, justice, and equality.
- PHI 175 **Introduction to Social and Political Philosophy** (3) Classical and contemporary readings on basic topics in social and political philosophy; political obligation and authority, justice and basic rights, liberty and equality, the justification of democracy.
- PHI 192 **Introduction to Moral Theory** (3) Major philosophical theories about moral rightness, virtue, and the good life, such as utilitarian, Kantian, and Aristotelian theories. Historical and contemporary sources. Credit cannot be received for both PHI 192 and PHI 209.
- PHI 197 **Human Nature** (3) Philosophical theories of human nature, their underlying metaphysical claims, and their ethical consequences.
- PHI 251 **Logic** (3) Logic as a formal language, as a component of natural language, and as a basis of a programming language. Varieties of logical systems and techniques. Syntax, semantics and pragmatics.
- REL 135 **Judaism** (3) The course provides a broad (but selective) survey of Jewish religious thought and practice from the biblical period through the modern. Readings focus on the way diverse Jewish thinkers have reshaped Jewish identity by reconfiguring the way in which they understand ritual life. We pay particular attention to how Jewish interpreters have constructed a changing textual tradition as an integral part of that process. This class introduces students to the Hebrew Bible, Talmud and Midrash, medieval philosophy and mysticism, and to German Jewish existentialism and American Jewish feminism in the 20th century. Special note is paid to the modern period and the role of women.
- REL 156 **Christianity** (3) Christianity's institutional forms, sacred writings, ideas and beliefs, worship practices, cultural and creative expressions, ethical and political roles in society, from antiquity to the present. How Christianity addresses human needs, concerns, and desires.
- REL 165 **Discovering Islam** (3) Islam as a faith and a civilization. Understanding its origins, beliefs, rituals, and the historical development of its intellectual traditions in the pre-modern and modern eras, and its geographic, cultural and theological diversity today.
- REL 191 **Religion, Meaning and Knowledge** (3) Exploration of the age-old quest for meaning, knowledge and faith in the face of suffering and loss through art, philosophy, music and literature.
- SAS 165 **Discovering Islam** (3) Islam as a faith and a civilization. Understanding its origins, beliefs, rituals, and the historical development of its intellectual traditions in the pre-modern and modern eras, and its geographic, cultural and theological diversity.
- WGS 101 **Introduction to Women's and Gender Studies** (3) Introduces the interdisciplinary field of women's and gender studies; gender as a social construct shaped by race, class, sexuality, disability, and nation; and feminist theories of oppression, power, and resistance.

WRT 114	<b>Writing Culture</b> (3) Nonacademic writing; creative nonfiction, memoir, the essay. Students write texts experimenting with style, genre, and subject; read contemporary nonfiction texts by varied authors; attend lectures/readings of visiting writers.
AAS 112	<b>Introduction to African American Studies</b> (3) Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.
ANT 111	<b>Introduction to Cultural Anthropology</b> (3) Economics, politics, religion, symbolism, rites of passage, developmental cycle, and expressive culture. Required for Anthropology majors.
ANT 112	<b>Introduction to African American Studies</b> (3) Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.
ANT 141	<b>Introduction to Archaeology and Prehistory</b> (3) Survey of the prehistoric past spanning the origins of humankind through the rise of complex societies. Class activities and field trips provide a hands on introduction to archaeological interpretation.
ANT 185	<b>Global Encounters: Comparing World Views &amp; Values Cross-Culturally</b> (3) Predominant views of reality and values in the cultures of Asia, Africa, and the Americas. Humanistic study of cultures and nature of cross-cultural understanding.
ECN 101	<b>Principles of Microeconomics</b> (3) Consumer demand, theory of production, markets and prices, social welfare, and related topics.
ECN 102	<b>Principles of Macroeconomics</b> (3) Introduction to concepts and methods of economic analysis. Emphasis on such macroeconomic topics as gross domestic product, unemployment, money, and theory of national income.
GEO 105	<b>World Urban Geography</b> (3) Survey of world, urban geography. Major concepts of human geography for non-specialists.
GEO 171	<b>Human Geographies</b> (3) An integrative overview to human geography. Topics include human-environmental relations, demographic change, cultural landscape; urban and agricultural land use and economic restructuring.
GEO 215	<b>Global Env Change</b> (3) Focusing on physical processes and patterns of environmental change, changes occurring as a result of human activities, and the social consequences of environmental change.
GEO 272	<b>World Cultures</b> (3) The globalization of culture and the persistence of local cultures around the world. Case studies from different regions of the world examine geographical processes that shape ways of life.
HST 101	<b>American History to 1865</b> (3) Founding and development of institutions. The Revolution and the new nation. Problems of growth and sectionalism. Challenge to the union.
HST 121	<b>Global History to 1750</b> (3) The development of global society up to 1750. Exchanges, connections and interactions between Africa, Asia and the Pacific, India, Latin America and the Caribbean, and the Middle East. The relations between these regions, the Americas and Europe.



HST 213	<b>Africa: Ancient Times to 1800</b> (3) A survey of African history from ancient times to 1800. Focuses on political, social, economic, and environmental history of the continent. Themes: state formation, technology, production, trade, religion, migration, labor, slave trade, and biological exchanges.
LLA 201	<b>Elements of Law</b> (3) Provides an introduction to law and legal institutions. The course is designed to prepare lower-division undergraduates for the further study of legal topics in departments across the College of Arts and Sciences.
MAX 123	<b>Critical Issues for the United States</b> (3) Interdisciplinary focus on critical issues facing America. Perspectives of social science disciplines on the meaning of the American Dream, its past and its future.
PSC 121	<b>American National Government and Politics</b> (3) American political institutions. Basic principles embedded in structure and practices of American government. Practical consequences of this political system for the citizen. Credit is given for PSC 121 or PSC 129, but not both.
PSC 123	<b>Comparative Government and Politics</b> (3) Comparison of selected governmental institutions, individual and collective political actors, and issues across the industrialized and developing world. Particular attention to dynamics of socioeconomic and political change.
PSC 124	<b>International Relations</b> (3) Foreign policy, decision making, comparative foreign policy, international transactions, and the international system. Credit is given for PSC 124 or PSC 139, but not both.
PSC 125	<b>Political Theory</b> (3) Introduction to theories of major modern political philosophers (Locke, Rousseau, Hume, J.S. Mill, Marx). Contemporary theories of liberty, justice, and equality.
PST 101	<b>An Introduction to the Analysis of Public Policy</b> (3) Develop research and problem solving skills to create government policies that address current social and economic problems facing the United States. Students study policy problems of their choice.
PST 110	<b>Public Service Practicum</b> (1) Students investigate the societal issues affecting members of the Syracuse community by completing a 35 hour community service requirement, attending 4 class meetings to reflect on their experiences, and completing weekly journals and two paper assignments.
PSY 205	<b>Foundations of Human Behavior</b> (3) Fundamental principles of mental life and human behavior. Significance of psychology in human relationships and self-understanding.
PSY 274	<b>Social Psychology</b> (3) Introduction to scientific study of the social behavior of individuals; experimental approach. Social influence, conformity, social perception, attitude changes, small groups, and collective behavior. PREREQ: PSY 205 OR PSY 209.
QSX 111	<b>Queer Histories, Communities, and Politics</b> (3) Explores and analyzes lesbian, gay, bisexual, and transgender histories, communities, and politics from the ancient past to the contemporary, global present through an interdisciplinary reading of research, theory, memoir, biography, fiction, and documentary film.

SOC	101	<b>Introduction to Sociology</b> (3) Principal concepts, methods, and findings in sociology. Societal structures, processes, institutions, and social roles from both macro- and microanalytic human behavior perspectives.
SOC	102	<b>Social Problems</b> (3) Application of sociological theory and methods to identification, description, and analysis of contemporary social problems. Critique and analysis of alternative strategies for social change.
SOC	248	<b>Ethnic Inequalities and Intergroup Relations</b> (3) Identification of individuals and groups by self and others as members of ethnic categories. Consequences of ethnic identifications for individual, group, and societal interaction. Emphasizing ethnic inequalities, group interactions, social movements and change, racism, prejudice, and discrimination.
SOC	281	<b>Sociology of Families</b> (3) Families and their connections to other social and economic institutions. Diversity of family forms and experiences. Formation and dissolution of relationships. Trends and changes.
AST	101	<b>Our Corner of the Universe</b> (4) Historical and modern understanding of the nature of the solar system. Includes laboratory with observations. May be taken with AST 104 in either order or independently.
BIO	105	<b>Technology Inspired by Nature</b> (3) Investigations into how human technology has been and can be inspired by nature. Research process; production of novel adhesives, building materials, fabrics; solar power, biofuels, aerodynamics, computer design, artificial intelligence, and robotics.
BIO	121	<b>General Biology I</b> (4) First course in a survey of biological concepts ranging from the molecular level to global ecology. Units include the nature of science, life chemistry, cell structure and function, photosynthesis and respiration, genetics, and evolution.
CHE	103	<b>Chemistry in the Modern World</b> (3) Basic concepts and principles of chemistry. Applications of chemistry to problems in the modern world. Will not satisfy prerequisite requirements for advanced courses in chemistry. (First in a sequence, to be followed by CHE 113.)
CHE	106	<b>General Chemistry Lecture I</b> (3) Fundamental principles and laws underlying chemical action, states of matter, atomic and molecular structure, chemical bonding, stoichiometry, properties of solutions, chemical equilibria, and introductory thermochemistry. Credit is given for CHE 106 or 109 or CHE 150 but not more than one of these.
CHE	107	<b>General Chemistry Laboratory I</b> (1) Experimental study of basic principles and techniques of chemistry. States of matter, determination of formulas and molecular weights, simple volumetric and gravimetric analysis, heats of reaction. Equilibrium, rates of reactions, and qualitative analysis. Credit is given for CHE 107 or 129 or CHE 151 but not more than one of these.
EAR	104	<b>Earth Science Lab</b> (1) Co-Requisite Laboratory component for EAR 105. Must be enrolled in 105 to enroll in 104.
EAR	105	<b>Earth Science</b> (3) Scientific study of our planet, its history, and the processes that shape it and affect humans. Emphasis includes tectonics, continental surfaces, and climate. Lecture and recitation, no laboratory; no prerequisite. Intended for non-majors. Students may receive credit for either EAR 110 (formerly EAR 101) or 105 but not both.

EAR	117	<b>Oceanography</b> (3) A comprehensive introduction to the geology, physics, chemistry, and biology of the world ocean and its impact on global climate and environmental concerns.
EAR	205	<b>Water and Our Environment</b> (3) Investigates origin, occurrence, chemistry and hydrology of water on earth. Includes climate change, contamination and water supply issues within context of water sustainability.
EAR	225	<b>Volcanoes and Earthquakes</b> (3) Examination of the geologic nature of volcanoes and earthquakes as they are related to plate tectonic activity in the Earth. Discussion of related societal hazards.
GEO	155	<b>The Natural Environment</b> (3) Patterns of the physical phenomena at and near the surface of the earth. Surface configuration, climate, vegetation, and soil and their areal interrelationships.
PHY	101	<b>Major Concepts of Physics I</b> (4) Explores the fundamental laws which govern the universe with emphasis on the concept of energy as a unifying principle. No science prerequisites. Knowledge of elementary algebra required. Includes Laboratory.
PHY	211	<b>General Physics I</b> (3) First half of a two semester introduction to classical physics including mechanics and thermal physics. Uses calculus. Knowledge of plane trigonometry required.
PHY	212	<b>General Physics II</b> (3) Second half of a two semester introduction to classical physics including electricity, magnetism and light.
PHY	221	<b>General Physics Laboratory I</b> (1) Techniques of laboratory work: treatment of random errors, graphical representation of data. Experimental demonstration of principles of mechanics, thermodynamics, and waves (of vector forces, conservation of momentum and energy, thermal properties of gases).
PHY	222	<b>General Physics Laboratory II</b> (1) Experimental study of principles of electromagnetism and their application in electrical circuits. Use of electronic instruments, such as the oscilloscope.