

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
ENG	1510	Writing and Rhetoric I	1E	3	0	Practice in composing and revising expository essays that are well organized, logically coherent, and effective for their purpose and audience. Topics from personal experience, nonfiction reading, and research material.
ENG	1610	Freshman Composition: Writing and Rhetoric	1E	4	0	For non-native English speaking undergraduate students is designed to instruct such students in higher-level writing skills. Practice in composing and revising expository essays that are well organized, logically coherent, and effective for their purpose and audience. Topics from reading, research, and academic content. Fulfills the requirements for a freshman composition course (ENG 1510). Native English speakers should take ENG 1510.
ART	3000J	Criticism in the Visual Arts	1J	3	0	Composition class designed to encourage understanding of historical perspectives in critical writings on visual arts. Students read and examine written criticism; develop research, grammar, and editing skills; and write analytical descriptive essays on appropriate visual arts subjects.
AVN	3250J	Professional Aviation Communication	1J	3	0	Junior Composition Course with an emphasis on professional aviation communication. Provides opportunities to practice written and spoken communication skills, both individually and collaborative, which are appropriate for aviation professionals. Utilizes strategic managerial communication skills in analyzing aviation business issues or situations and choosing the appropriate communication processes, products, or events to meet organizational needs.
CLWR	3850J	Writing on Religion	1J	3	0	Introduction to primary and secondary sources in the study of religious texts and practices, with the aim of producing and critiquing varying styles of writing about religious phenomena. Focuses on the process of researching and writing, analyzing sources, compiling bibliography, organizing evidence and composing and editing several drafts of each project.
CONS	3450J	Writing in Human and Consumer Sciences	1J	3	0	Investigation and analysis of current issues and concerns in the Human and Consumer Sciences profession specific to the student's major. Emphasis will be placed upon developing a variety of writing formats in order to communicate effectively with selected audiences.
ECON	3100J	Writing on Economic Issues	1J	3	0	This course teaches students to write about economic issues for a general audience.

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EDHP	3930J	Undergraduate Research Project	1J	3	0	Involves the study and application of action research as applied to issues and problems encountered in the schooling arena, including both schools and other community-based institutions that serve educative purposes and/or otherwise contribute to the schooling endeavor. Candidates will be responsible for assessing and improving their classroom instruction as professionals by gaining greater insight into the nature of action research and how it can inform practice.
ENG	3060J	Women and Writing	1J	3	0	Practice in developing essays on women and their interests, on women and writing, and on gender issues.
ENG	3070J	Writing and Research in English Studies	1J	3	0	Scholarly writing in English studies include research reports, integration of primary and secondary texts, library resources, and MLA/Chicago documentation.
ENG	3080J	Writing and Rhetoric II	1J	3	0	Focuses on skills in writing a variety of genres (i.e. rhetorical analysis, research-based argument, report, etc). Coursework includes learning to read rhetorically and using effective strategies for searching academic databases and evaluating sources. Also focuses on using correct documentation and mechanics.
ENG	3090J	Writing in the Sciences	1J	3	0	Provides students in the sciences with an opportunity to practice writing within their majors. Focuses on how to review prior research, how to propose research projects, how to incorporate research results into final reports, and how to write clearly and concisely.
ENG	3100J	Writing About Environmental Sustainability	1J	3	0	Our readings, film screenings, discussions (oral and online), research and composing will be focused on relations between people and the environment, primarily but not exclusively, in our regional environment. We will explore mountaintop removal coal mining in Appalachia, the natural history of the region's forests, industrial food systems and "locavore" (agri)culture. Our approach will be "ecological" in the sense of attempting to understand our complex interrelationships with the natural and artificial systems we rely on and of which we are a part. We will take a similar approach to environmental rhetoric and use rhetorical analysis as the main means of mapping connections among informative, persuasive, and creative discourse on these topics.
ENG	3840J	Writing, Reading, and Rhetoric in the Professions	1J	3	0	Examines rhetorical theory in professional writing, such as the role of context, audience, and purpose in creating documents, and ethical decision making in professional writing. Will engage students in writing and reading critically, writing individually and collaboratively, and writing formally and informally.

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ET	3800J	Engineering and Technology Public Policy	1J	3	0	Writing course in which students will learn about the legislative, regulatory and policy-making processes that will frame developing and existing technologies. Course content will include the theory, structure, and function of government as relates to engineering and technology public policy at the state and federal level. Evaluate engineering and technology public policy.
ETM	3700J	Professional and Technical Writing	1J	3	0	Covers the preparation, research, organization, draft writing and revisions of technical documents such as proposals, product descriptions, mission statements, reports, and instructions.
FILM	3440J	The Practice of Film Criticism	1J	3	0	Students learn to write publishable film reviews in a workshop setting. Weekly screenings.
HC	3000J	Honors Thesis Writing and Research	1J	3	0	Prepares students to use scholarly resources to write senior thesis projects in the Honors Tutorial College. Students are required to master research methods, library resources, the integration of primary and secondary texts, discipline-specific documentation styles, and the conventions of critical writing. Students do extensive outside research, compose annotated bibliographies, write a research prospectus, revise their writing, and make presentations to the class about their work.
HIST	3111J	Historical Research and Writing	1J	3	0	Deals with techniques and mechanics of historical research and writing. After introduction to use of primary and secondary sources and use of history reference material, students are guided through steps of research and writing; compiling bibliography, analysis of sources, organization of evidence, and style and composition of written paper.
HLTH	3400J	Grant Writing for Public Health Sciences	1J	3	0	Focuses on developing grant writing skills for the public health sciences. Students will write and prepare grant proposals in response to program announcements from a variety of public and private sources.
IART	3600J	Writing in the Arts	1J	3	0	Critical analyses of form, media, and content in arts stressing instruction in critical writing.
JOUR	4410J	Magazine Feature Writing	1J	3	0	Writing, researching, and marketing factual magazine feature articles of various types. Reading exemplary magazine articles. Finding subjects, securing photographs, writing articles, and surveying markets.

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MGT	3100J	The Social, Legal, and Ethical Responsibilities of Business	1J	3	0	Considers the role of organizations in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.
ML	3210J	Writing in Two Languages	1J	3	0	Course designed for the English-speaking student with two or more years of French (or course-specific language) who would like to improve his or her English writing skills using a comparative language approach.
ML	3270J	Translation as Writing	1J	3	0	An introduction to the practice and theory of translation into English with special emphasis on translation as a form of writing/composition. Analysis and discussion of good writing and of the students' own translations and compositions.
NRSE	3700J	Writing for Nursing	1J	3	0	Provides technical written communications skills. Writing tasks provide students with the knowledge, skills, and attitudes necessary for written communication in formats and subject areas common in nursing practice.
PBIO	4180J	Writing for the Science Researcher	1J	3	0	Current research and public controversy dealing with topics in biological research will provide students with opportunities to practice and master skills needed for successful written communication in the field. No credit toward major.
PHIL	3010J	Writing With Critical Reasoning Skills	1J	3	0	This is a writing intensive course whose topics for student essays will vary depending upon instructor.
POLS	3050J	Writing on Political Science Topics	1J	3	0	Writing course for political science majors. Focuses on studying and producing clear and persuasive writing about political issues.
REC	3700J	Writing for Recreation Studies	1J	3	0	Allows the student to practice the writing process while investigating current issues and trends in the recreation and leisure field.
SOC	3560J	Writing in Sociology & Anthropology	1J	3	0	Junior level composition course for Sociology and Anthropology majors and students in related fields. Combines writing instruction with consideration of substantive social science topics. Students try various styles of social science writing (book reviews; grant proposals; field notes; interviews; etc.). Prerequisites: (JR OR SR) & 13 HRS SOC/ANT
MATH	1090	Consumer Mathematics	1M	3	0	Applications of elementary mathematics to day-to-day problems. Special emphasis on consumer topics such as compound interest, mortgages, and installment buying. Scientific calculator required. Does not apply to arts and sciences requirements. No credit to those with credit for course above MATH 1200.

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MATH	1101	Elementary Topics in Mathematics I	1M	3	0	Elementary Topics in Mathematics I&II is a sequence for majors in elementary education and related fields. The course focuses on the development of arithmetic and number systems, including whole numbers, integers, and rational numbers. Probability and data analysis are studied as applications of rational numbers and emphasize mathematical representation and communication. Satisfies Tier I requirement for elementary education majors only. Does not apply to Arts and Sciences natural science requirements.
MATH	1102	Elementary Topics in Mathematics II	1M	3	0	Elementary Topics in Mathematics I&II is a sequence for majors in elementary education and related fields. The course focuses on the development of geometry and algebra. Students use both dynamic geometry software and graphing calculators to develop representation, communication, and problem solving processes in both algebra and geometry. Does not apply to Arts and Sciences natural science requirements.
MATH	1200	College Algebra	1M	4	0	Topics in algebra including functions, linear equations and systems, polynomials, rational and radical expressions, quadratic equations, exponential and logarithmic functions, and inequalities. This course is primarily intended to prepare students for Business Calculus. Students needing Tier I Math credit only should consider Intro Game Theory instead. Those whose program requires MATH 2301 Calculus I should start with PreCalculus.
MATH	1300	Pre-Calculus	1M	4	0	Graphs, inverses, and operations of functions. Study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Additional topics from trigonometry and analytic geometry. Recommended only for students intending to enroll in MATH 2301.
MATH	1321	Elementary Applied Mathematics I	1M	3	0	Topics from intermediate algebra such as functions and graphs, systems of linear equations, 3x3 determinants, factoring, quadratic equations and inequalities, exponents and radicals, and logarithms. Available by correspondence and on some regional campuses. Students cannot earn credit for both this course and 1200.
MATH	1322	Elementary Applied Mathematics II	1M	3	0	Topics from trigonometry and analytic geometry including trigonometric functions and their graphs, vectors and oblique triangles, trigonometric identities, straight lines, conic sections, and translation of axes. Available by correspondence and on some regional campuses.
MATH	2500	Introduction to Statistics	1M	4	0	An introductory course in applied statistics. Organization of data, central tendency and dispersion, probability, concept of random variables, probability distributions, estimation, testing hypotheses, linear regression and correlation, analysis of variance, and use of Excel in statistical analysis.

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PHIL	1200	Principles of Reasoning	1M	3	0	Basic concepts of logic and techniques for judging validity of arguments introduced. System for symbolizing arguments and deriving conclusions from premises employed. Some of following topics also covered: informal fallacies in reasoning, syllogistic or Aristotelian logic; Venn diagrams, truth tables. Most sections are traditional lecture/test format, some taught in computer-assisted format, others use self-paced approach.
PSY	1110	Elementary Statistical Reasoning	1M	3	0	Introduction to research methodology and descriptive and inferential statistics, emphasizing the development of practical reasoning skills necessary for the comprehension and critical evaluation of statistical information typically encountered in everyday life. No credit if already credit for PSY 2110 or QBA 2010 or Math 2500; no credit toward psychology major.
PSY	2110	Statistics for the Behavioral Sciences	1M	4	0	Introduction to descriptive and inferential statistics with emphasis on inferential statistics. No credit for both 2110 and any of the following: MATH 2500, QBA 2010, COMS 3520, ECON 3810.
BIOS	2050	Human Biology: Sex and Reproduction	2AS	2	0	For nonmajors. Development, structures, and function of male and female human reproductive systems from conception to death, including behavior. Emphasis on current state of knowledge and relevance to topical health and social issues. Lecture and discussion format.
BIOS	2200	Conservation and Biodiversity	2AS	3	0	For nonmajors. Introduces the student to the modern field of conservation biology and the role of genetics, ecology, life history, and biogeography in the preservation and maintenance of biodiversity. Case studies of endangered animal and plant species will be highlighted.
BIOS	2210	Microbes and Humans	2AS	3	0	For nonmajors. A good introduction to microbiology for allied health fields. Introduction to the history and life of microorganisms with an emphasis on bacteria and viruses. Discussion of the interaction between humans and microbes including vaccines, antibiotics, biotechnology, immunity, disease transmission, and food spoilage. Overview of infectious diseases affecting human organ systems. Application of concepts through reading on current topics.
BIOS	2215	Microbes and Humans, Laboratory	2AS	1	0	Characteristics and activities of microbes of special relevance to humans welfare, and those affecting maintenance of environmental and food quality. Special topics include human immune cells and food production by microorganisms.
BIOS	2250	Genetics in Human Society	2AS	3	0	For nonmajors. Basic principles of inheritance in humans. Normal and abnormal chromosome constitutions, gene-protein interrelationships, and factors that cause mutations of genes and chromosomes. Significance of genetics in life of human society.

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BIOS	2350	Insects, Science, and Society	2AS	3	0	Introduces nonmajors to fundamental concepts of biology by using insects as examples. Students will gain an appreciation of how insects have shaped human culture and history for thousands of years and how the scientific understanding of insect behavior, physiology, evolution, and ecology is applied to solve real world problems. Contemporary issues, ranging from mosquito-borne diseases, genetically modified crops and insecticide resistance, to killer bees, the silk industry and insects in forensic investigations will be used to focus discussions and improve scientific literacy.
CHEM	1010	Chemistry Applied to Today's World	2AS	3	0	Designed for nonscience majors with little or no previous experience with chemistry. Applications of basic principles of chemistry to real-world situations. Instruction will include multimedia and small-group activities.
CS	2300	Computer Programming in JAVA	2AS	4	0	Intended as a stand-alone class for students who want to learn about computer programming for their use in unrelated fields. Basic programming and program structure. Programming and computing systems. Debugging and verification of programs. Data representation. Organization and characteristics of computers. Survey of computers, languages, systems, and applications. Computer solution of several numerical and nonnumerical problems using one or more programming languages. JAVA taught.
CSD	1080	Introduction to Communication Disorders	2AS	3	0	Introduction to human communication disorders, including disorders of hearing, speech, and language.
EE	1014	Introduction to Electrical Engineering	2AS	4	0	Introduction to the profession of electrical engineering. Develops a knowledge of key technical concepts of electricity: voltage, current, resistance, and power. Explores the history, professional values, and methods of electrical engineering. Lab work provides hands-on experience with electrical systems. Introduction to MATLAB®.
EH	2000	Introduction to Environmental Health and Safety	2AS	3	0	Survey of technical and administrative procedures needed to control the environment, especially as they relate to health effects encountered in daily activities. Emphasis on general ecological environmental protection and environmental degradation, along with safety concepts, practices, and procedures.
ET	2300	Principles of Engineering Materials	2AS	3	0	Fundamental principles underlying behavior of engineering materials. Relationship between structure and properties of ceramic, metallic, and polymeric materials.

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ET	2800	Engineering and Technology - Overview	2AS	3	0	Intended for students of all majors; non-Engineering Technology students are encouraged. Provides an overview of engineering and technology, to place the profession in a historical context, to examine the views of supporters and detractors, to examine moral and ethical issues associated with the profession in society, and to develop an appreciation for the manner in which engineering and technological work is conducted. Emphasizes a "problem-solving" approach to questions of all kinds, but more specifically to technological ones.
ETM	1100	Introduction to Manufacturing Processes	2AS	3	0	Survey of industrial materials and processes with applications to current manufactured consumer products. Emphasis is placed on generic processes such as forming and separating as applied to a variety of industrial materials.
GEOG	1400	Environmental Geography	2AS	3	0	Geographic survey of environmental changes caused by human activities. Focus on resource availability and use, pollution of air, water, and biosphere, energy problems, interactions of humans with plant and animal communities.
GEOG	2600	Maps	2AS	3	0	This course is an investigation of the fundamental principles that make maps work: scale, geodesy, navigation, projections, and coordinate systems, and how these principles are applied in the geospatial technologies of GPS, GIS, cartography, and remote sensing.
GEOG	2680	Introduction to GIS and Mapping Sciences	2AS	4	0	Introduction to core concepts of geographic information science including data collection, data management, mapping, and spatial analysis. Overview of application of these core concepts in the mapping sciences of GIS, remote sensing, and cartography. Basic principles of GIS software for exploring and practicing these fundamentals.
GEOL	1350	Natural Disasters	2AS	3	0	Analysis of threats associated with living on a dynamic planet. Focus on the origins and physical natures of hazardous geological events. Taught using case studies of actual disasters. Intended to convey how we can minimize our vulnerability to disasters by applying lessons learned from past earthquakes, volcanic eruptions, floods, landslides, and sinkhole collapses. Intended for science and nonscience majors seeking a basic understanding of geology and how it affects the human race.

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GEOL	1700	Metal, Stone, Energy, and Society	2AS	3	0	Survey of a broad array of Earth resources with the goal of examining the impact of those resources on society. The influence of plate-tectonic processes and Earth's evolution on resource distribution are considered. The manner in which technological changes in mineral processing are changing recycling rates and are fostering closer connections between industries, the environment, and society will be explored.
GEOL	2150	Environmental Geology	2AS	3	0	Survey of geological aspects of environmental crisis. Focus on major environmental processes, immediate and extended influence of humans, and prospects for future of physical environment. Presupposes no background in sciences.
GEOL	2310	Water and Pollution	2AS	3	0	The interrelationship between geologic and hydrologic principles and technology as they relate to the use of water resources and the environmental problems associated with its pollution.
HLTH	2000	Introduction to Public Health	2AS	3	0	Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.
HLTH	2020	Introduction to Health and Lifestyle Choices	2AS	3	0	Provides an overview of health-related topics that are relevant to college-aged students (e.g. safer sex, nutrition, physical activity). Students have the opportunity to critically assess their current health behaviors in an effort to make positive health decisions.
ISE	1100	Introduction to Computers and Industrial Engineering	2AS	3	0	Introduces the primary skills that industrial engineers are responsible for in practice, including engineering economy, methods of analysis, and system design. The applications and important features of office software, especially spreadsheets, are explained, with examples related to the IE skills that are discussed.
ISE	3040	Fundamentals of Statistics	2AS	3	0	To prepare technology students to understand and use statistics to evaluate and make decisions about processes and results that they encounter in their engineering and technology jobs. Topics include probability distributions, sampling distributions, confidence intervals, hypothesis tests, ANOVA, and simple linear regression.
ITS	1010	Consumer Issues in Telecommunication	2AS	3	0	Provides a broad overview of issues in voice, data, and image communications. Topics focus on consumer issues, technological advancements, and the impact of communication systems on society.

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ITS	2010	Understanding Internet Technology	2AS	3	0	A survey of the technologies that make the internet useful. Most visibly, this includes the World Wide Web, e-mail, file transfer, and packet telephony. At the network level, this includes layered protocols, packet switching, LANs, WANs, routing, TCP/IP. Security issues: worms, viruses and spyware will be discussed.
MATH	1350	Survey of Calculus	2AS	4	0	Presents a survey of basic concepts of calculus. For students who want an introduction to calculus, but do not need the depth of 2301 and 2301. Note: Students cannot earn credit for both 1350 and 2301.
MATH	2301	Calculus I	2AS	4	0	First course in calculus and analytic geometry with applications in the sciences and engineering. Includes basic techniques of differentiation and integration with applications including rates of change, optimization problems, and curve sketching; includes exponential, logarithmic and trigonometric functions. No credit for both MATH 2301 and 1350.
MATH	2302	Calculus II	2AS	4	0	Second course in calculus and analytic geometry with applications in the sciences and engineering. Includes techniques of integration, conic sections, polar coordinates, infinite series, vectors and vector operations.
NUTR	1000	Introduction to Nutrition	2AS	3	0	Nutrients, their food sources and functions in the body; application to planning adequate diet through life cycle.
NUTR	1100	Introduction to Food Systems	2AS	3	0	Components of the food system and all processes that maintain our food supply, including growing, harvesting, processing, packaging, transporting, marketing, consuming, and disposing of food/food packages. Interaction of the food system with social, political, economic and natural environments. Sustainability of the food system. Impact of the food system on nutritional well-being.
PBIO	1030	Plants and People	2AS	3	0	Interrelationships of plants and humans from both historical and modern points of view, origins of agriculture and civilization, tropical and temperate food plants, medicinal plants, drug plants, destruction of environment, and its ultimate effect on food plants.
PSC	1350	Energy in a Modern World	2AS	3	0	Introduces students to the science of energy production, use and the subsequent consequences. Introduces students to the Laws of Thermodynamics: conservation of energy; limits on efficiency. Various energy sources will be investigated and their use and impact discussed. The sources discussed may include: solar; fossil fuel; nuclear; wind; hydro, biomass. The teaching method is primarily through exposition of concepts, the analysis of problems and the use of in-class questions. Assessment of students will involve students demonstrating both their abilities in quantitative and qualitative analysis of problems.

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AH	2130	History of World Art	2CP	4	0	Covers art and architecture that are located on six of the seven continents (with the exception of Antarctica) and which date from the Neolithic period (ca 4000 BCE) to the present. Informing the course is the important notion of plurality in the consideration not only of art and objects but also in the areas of religion, philosophy, and cultural practices.
AH	3310	Pre-Columbian Art	2CP	3	0	Preconquest art of Mexico, Central and South America.
AH	3400	Asian Art History	2CP	3	0	Art of India, China, and Japan.
ANTH	1010	Introduction to Cultural Anthropology	2CP	3	0	Students learn about the core concepts used in cultural anthropology and how anthropologists study human cultures and societies. Consideration is given to the relevance of anthropological theories, methods, and ethics in the context of contemporary culture change, taking into account processes of colonialism, globalization, and development. Students gain an appreciation of the broader goals of cultural anthropology to record cultural patterns and behaviors, represent a variety of voices and perceptions, explain cultural processes, and develop a fundamental understanding of human diversity.
ANTH	2020	Introduction to World Archaeology	2CP	3	0	Basic concepts; how archaeologists reconstruct extinct societies and explore cultural evolution.
ARAB	1110	Elementary Arabic I	2CP	4	0	First course in a two-semester first year sequence.
ARAB	1120	Elementary Arabic II	2CP	4	0	Second course of two-semester first-year sequence.
ARAB	2110	Intermediate Arabic I	2CP	4	0	First course of two semester intermediate-level sequence.
ARAB	2120	Intermediate Arabic II	2CP	4	0	Second course of two semester intermediate-level sequence.
CHIN	1110	Elementary Chinese I	2CP	4	0	Study of spoken and written Mandarin.
CHIN	1120	Elementary Chinese II	2CP	4	0	Study of spoken and written Mandarin.
CHIN	2110	Intermediate Chinese I	2CP	4	0	First course of two-semester intermediate-level sequence.
CHIN	2120	Intermediate Chinese II	2CP	4	0	Second course of two-semester intermediate-level sequence.
CLAR	1110	The Wonders of the Ancient Mediterranean	2CP	3	0	Provides a broad overview of the archaeology of the Mediterranean world from the time of the Old Kingdom in Egypt (3rd millennium BC) to the early Byzantine period (6th century AD). Organized around iconic structures from the main cultures and time periods covered. Each site will be used individually as a vehicle for studying broader aspects of the society that produced it. Explores why it is particularly significant and representative of that society. Questions include: Why were lists of "wonders" made in the first place? What was the political significance of creating a "wonder"? What effect did the original Seven Wonders have on the monuments that came later? What effect did the wonders have on the modern imagination and the archaeologists devoted to rediscovering them?

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CLWR	3330	Introduction to Islam	2CP	3	0	Introduces Islam as a religious and cultural system. Topics include pre-Islamic Arabia, the Prophet Muhammad and the first Muslims, the Qur'an and shari'a, basic ritual practices, mysticism, theology and philosophy, Shi'ism, the visual and musical arts, women, modernism, fundamentalism, and Islam in the USA. Draws on historical, sociological, anthropological, and literary-critical approaches and utilizes a range of primary and secondary material to examine the development of Islamic religious practices and ideals as they interact with larger social and cultural processes. While we will be concerned to understand how practitioners of Islam interpret their beliefs and actions, we will also place 'insider' perspectives in a broader social and historical context. Religion is a segment of culture, and thus we undertake our inquiry into Islam in the spirit of the Quranic injunction that 'humanity consider from what it is created'.
CLWR	3340	Hinduism	2CP	3	0	Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence.
CLWR	3350	Buddhism	2CP	3	0	Introduces Buddhist doctrines, practices and institutions. Focuses on the spread and development of Buddhism across Asia and beyond, with an eye toward examining how foundational Buddhist ideas and practices have taken shape in specific places and in particular historical contexts. Selectively surveys the foundational teachings, history and diversity of Buddhism, from the lifetime of the Buddha in fifth century BCE India to contemporary Buddhist communities in Southeast Asia, East Asia, and North America. Along the way, considers some important questions raised and addressed in the critical study of religion.

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DANC	4550	Dance Ethnography: Intellectualizing the Body's Motion	2CP	3	0	Surveys a wide range of theoretical approaches to the study of dance from an ethnological perspective: dance as a system of communication, social structure, ethnicity, and sacred art. Methodologies used are developed in the fields of symbolic anthropology, social, history, ethnochoreology, ethnomusicology, comparative religious, and performance studies. Gathering ethnographic material, ethical dynamics of fieldwork encounters, and duties of the dance ethnographer as a cultural mediator are explored.
ENG	3310	Studies in Asian Literatures I: Beginnings to 1850	2CP	3	0	Introduces Asian Literatures from the beginnings to 1850, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.
ENG	3320	Studies in Asian Literatures II	2CP	3	0	Introduces Asian Literatures from 1850 to the present, using selections from two or more regions of Asia, such as China, Japan, Korea, India, or Vietnam. The focus will be on examining cultures and histories as they shaped literary expression.
FR	1110	Elementary French I	2CP	4	0	Beginning course of two-semester, first-year sequence. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Basic grammatical concepts and patterns. Textbook and workbook required.
FR	1120	Elementary French II	2CP	4	0	Continuation of 1110. Second course of two-semester, first-year sequence. Basic grammatical concepts and patterns. Emphasis on development of reading, listening comprehension, speaking, and writing skills. Textbook and workbook required.
FR	2110	Intermediate French I	2CP	3	0	First course of two-semester, second-year sequence. Intensive review of grammar. Reading and discussion of selected modern works. Supplemental cultural material.
FR	2120	Intermediate French II	2CP	3	0	Continuation of 2110. Second course of two-semester, second-year sequence. Intensive review of grammar. Reading and discussion of selected modern works. Supplemental cultural material.
GEOG	1310	Globalization and the Developing World	2CP	3	0	Survey of globalization and its impact on development, international relations, environment and culture in developing countries around the world.
GER	1110	Elementary German I	2CP	4	0	Introduction to pronunciation and basic grammar. Development of comprehension and speaking skills. First course in beginning sequence.
GER	1120	Elementary German II	2CP	4	0	Continuation of 1110. Introduction to pronunciation and basic grammar. Continued development of comprehension and speaking skills. Second course in beginning sequence.

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GER	2110	Intermediate German I	2CP	3	0	Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review. First course of intermediate-level sequence.
GER	2120	Intermediate German II	2CP	3	0	Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review.
GK	1110	Beginning Greek I	2CP	4	0	Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.
GK	1120	Beginning Greek II	2CP	4	0	Introduction to reading classical Greek, continued. Conclusion of study of elementary grammar and reading classical texts that are increasingly complex and less adapted. At completion, ready to begin reading Homer, Plato, the New Testament, or other Greek classics.
HIND	1110	Elementary Hindi-Urdu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.
HIND	1120	Elementary Hindi-Urdu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.
HIND	2110	Intermediate Hindi-Urdu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.
HIND	2120	Intermediate Hindi-Urdu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Hindi-Urdu speakers.
HIST	1320	Introduction to World History Before 1750	2CP	3	0	Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the history of the rise of civilization, world religions, and trading systems.
HIST	1330	Introduction to World History Since 1750	2CP	3	0	Introduces cross-cultural perspectives in world history. Focus is on the major themes in human development, such as the rise of nationalism, modernization, and westernization, in order to understand the nature of global and cultural interaction in the modern era.
HIST	2460	The Rise of Modern Asia	2CP	3	0	Introductory survey of the history of Asia from India to Japan, beginning in the mid-19th- century. Emphasis on the rise of modern nationalism, economic development, and social and cultural achievements.
HIST	3230	Latin American History: The Colonial Era	2CP	3	0	Examines historical origins of Latin American society. Themes include internal nature of Iberian and pre-Columbian Indian societies, circa 1492; conquest and subordination of Amerindian civilizations by Spain and Portugal; distribution of power, land, and labor in post-conquest Latin America; order and instability in colonial society; and region's position in international economy.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
HIST	3231	Latin American History: From Independence to the Present	2CP	3	0	Examines Latin American history in the 19th- and 20th- centuries, focusing on causes and consequences of Independence; the political, social and economic challenges of nation-state formation; competing political/ideological responses to structural crisis in the 20th- century (social revolution, authoritarianism, democratic change); and ongoing search for viable formulas of economic development.
HIST	3410	History of Africa to 1850	2CP	3	0	Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, and slavery.
HIST	3411	History of Africa Since 1850	2CP	3	0	Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, slavery, European imperialism and colonialism, African nationalism, and independence.
HIST	3450	Southeast Asia to c. 1750: The Creative Synthesis	2CP	3	0	Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.
HIST	3451	Southeast Asia, c. 1750 to 1945: Change and Conflict	2CP	3	0	Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.
HIST	3452	Southeast Asia, 1945 to the Present: The Search for Stability	2CP	3	0	The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.
HUM	2170	Great Books of Asia, Ancient to Present	2CP	3	0	Explores the cultures of India, China, and Japan through literature and relevant philosophies; major texts of other Asian countries may be added or substituted as well.
ILL	3890	Women in Chinese Literature	2CP	3	0	Introduces Chinese language, culture and society through Chinese literature, with the theme: women in China as reflected in literature. Chinese women have been a vital part of the culture. Women's role as reflected in Chinese literature provides a rich illustration of Chinese language, culture, and society. The readings offer a rich illustration of the dilemma of traditional expectations of women in various historical periods, and the ever changing roles of women as society changes.
INDO	1110	Elementary Indonesian/Malay I	2CP	4	0	Beginning course of 2 semester, 1st-year sequence.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
INDO	1120	Elementary Indonesian/Malay II	2CP	4	0	Second course of 2 semester, 1st-year sequence.
INDO	2110	Intermediate Indonesian/Malaysian I	2CP	4	0	First course of two semester intermediate-level sequence.
INDO	2120	Intermediate Indonesian II	2CP	4	0	Second course of two-semester intermediate-level sequence.
INST	1100	Modern Africa	2CP	3	0	Interdisciplinary introductory survey of Africa, its culture, history, and modern development. Disciplines include: anthropology, art, dance, economics, education, geography, history, linguistics, literature, and political science.
INST	1400	European Studies	2CP	3	0	An interdisciplinary introduction to Europe and European studies through discussion of selected topics from perspectives of geography, history, politics, sociology, economics, literature, and the arts. Special emphasis is given to post-Cold War issues, problems, and developments.
INST	1600	Interdisciplinary Survey of Latin America	2CP	3	0	Introduction to Latin America through geography, politics, sociology, economics, literature, and art. Special emphasis given to 20th-century issues, problems, and developments.
ITAL	1110	Elementary Italian I	2CP	4	0	Beginning course of first-year sequence.
ITAL	1120	Elementary Italian II	2CP	4	0	Second course of two semester first-year sequence.
ITAL	2110	Intermediate Italian I	2CP	3	0	First course of intermediate-level sequence.
ITAL	2120	Intermediate Italian II	2CP	3	0	Second course of intermediate-level sequence.
JPC	2500	Introduction to Japanese Culture	2CP	3	0	Introduction to cultural traditions of Japan and its language. English translations are used.
JPN	1110	Elementary Japanese I	2CP	4	0	Beginning course of two semester first-year sequence.
JPN	1120	Elementary Japanese II	2CP	4	0	Continuation of 1110. Second course of two semester first-year sequence.
JPN	2110	Intermediate Japanese I	2CP	4	0	First course of two-semester intermediate-level sequence.
JPN	2120	Intermediate Japanese II	2CP	4	0	Second course of two-semester intermediate-level sequence. Continuation of 2110.
KHMR	1110	Elementary Khmer I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.
KHMR	1120	Elementary Khmer II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.
KHMR	2110	Intermediate Khmer I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.
KHMR	2120	Intermediate Khmer II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Khmer speakers.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
KIKU	1110	Elementary Kikuyu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.
KIKU	1120	Elementary Kikuyu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.
KIKU	2110	Intermediate Kikuyu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.
KIKU	2120	Intermediate Kikuyu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Kikuyu speakers.
LAT	1110	Beginning Latin I	2CP	4	0	First of a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors.
LAT	1120	Beginning Latin II	2CP	4	0	Second in a year-long sequence that introduce the fundamentals of Latin grammar, syntax, and morphology. Emphasis on reading continuous passages of Latin prose written by or adapted from ancient authors.
MALA	3110	Advanced Malaysian I	2CP	3	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malaysian speakers.
MALA	3120	Advanced Malaysian II	2CP	3	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Malay speakers.
MALA	3930	Independent Study-Malaysian	2CP	1 to 4	4	Independent study of topic of interest in Malaysian language or literature.
MUS	1210	Introduction to World Music	2CP	3	0	Provide a survey of music as it exists in many cultures. As an introduction to the study of world music students will experience and understand the values and meaning of music in the lives of diverse human communities.
POLS	4400	The Politics of Developing Areas	2CP	3	0	Major theories and problems of political, sociocultural, and economic development in new states of Asia, Africa, and Latin America, with special emphasis on heritage of colonialism, struggle for independence, and political adjustments to rapid social and technological change.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
PORT	3110	Portuguese I	2CP	3	0	Designed for intermediate or advanced speakers of Spanish (or any Romance Language), introduces the Portuguese language based on the grammatical and lexical foundations of other Latin-based languages. The course develops proficiency in speaking, oral comprehension, reading and writing through a communicative approach.
PORT	3120	Portuguese II	2CP	3	0	Continuation of Portuguese I. (See Portuguese I for description.)
PORT	3180	Portuguese III	2CP	3	0	Beginning course of 2nd-year sequence with emphasis on oral proficiency.
PORT	3190	Portuguese IV	2CP	3	0	Continuation of Portuguese III. See Portuguese III for description.
RFPD	1100	Trend Analysis and Consumption Practices of Fashion Products From a Multicultural Perspective	2CP	3	0	To consider the factors that influence consumer adoption of fashion. Emphasis will be placed on understanding how culture influences fashion adoption and evolution as well as the influences of fashion products on evolution of cultures.
RHT	1200	Food and Culture	2CP	3	0	Investigate what and how people eat and explore how geography and history have shaped the food patterns and cultures of countries and regions throughout the world.
RUS	1110	Elementary Russian I	2CP	4	0	Introduction to alphabet, reading, writing, and basic grammar, development of speaking and comprehension skills. Beginning course of first-year sequence.
RUS	1120	Elementary Russian II	2CP	4	0	Continuation of 1110. Reading, writing, and basic grammar, further development of speaking and comprehension skills. Second course in first-year sequence.
RUS	2110	Intermediate Russian I	2CP	3	0	Continued language study. Review and continuation of grammar. First course in intermediate-level sequence.
RUS	2120	Intermediate Russian II	2CP	3	0	Continuation of 2110. Extensive reading, writing, listening, and oral practice. Completion of 2120 fulfills foreign language requirement of College of Arts and Sciences.
SOMA	1110	Elementary Somali I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.
SOMA	1120	Elementary Somali II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.
SOMA	2110	Intermediate Somali I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.
SOMA	2120	Intermediate Somali II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Somali speakers.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
SPAN	2110	Intermediate Spanish I	2CP	3	0	Culture-based approach to increased language proficiency. Students continue to develop listening, reading, speaking and writing skills as they study diverse history and customs of Spanish speakers around the world. First course in second-year sequence.
SPAN	2120	Intermediate Spanish II	2CP	3	0	Continuation of 2110. Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking and writing skills as they study diverse history and customs of Spanish speakers around the world. Completion of 2120 fulfills foreign language requirement of College of Arts and Sciences.
SPAN	3349	Spanish American Civilization and Culture	2CP	3	0	Survey of Spanish American civilization and culture.
SUDN	1110	Elementary Sudanese Arabic I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.
SUDN	1120	Elementary Sudanese Arabic II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.
SUDN	2110	Intermediate Sudanese Arabic I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.
SUDN	2120	Intermediate Sudanese Arabic II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabic speakers.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
SWAH	1110	Elementary Swahili I	2CP	4	0	Introduces learners to Swahili vocabulary and grammar. These are used as the foundation for promoting the four skills of reading, writing, listening and speaking. Emphasis will be on promoting the learners' ability to express themselves, describe their daily experiences and engage in basic conversations. Although East African texts (reading passages, music and poems) will be used to promote learners' understanding and appreciation of Swahili language and culture, non East African texts in Swahili might be sparingly used to achieve certain objectives. While the main focus of the course will be on enriching the students understanding of African culture through the learning of Swahili, students are expected to relate the Swahili culture with their everyday experiences. Learners will be involved in a semester long portfolio project comprised of biographical information about their everyday activities, or activities of other people, whether actual or fictional with an intention of applying all aspects of the materials covered in class. Specific information on this will be provided in the syllabus.
SWAH	1120	Elementary Swahili II	2CP	4	0	This is the second course of two-semester first-year sequence. A continuation of 1110 covering the different types of nouns in Swahili. By now, students will have covered all the noun classes and will begin to see their relevance to various aspects of Swahili grammar. It will become clear that once you know the class of noun in question, the grammar can easily be derived from a consistent pattern. Learners will also broaden their vocabulary and they will be able to engage in more complex dialogues. Although some dialogues will be tailored to accomplish grammatical ends, Also do dialogues for the sake of it in order to promote confidence in oral communication. Learners are encouraged to pay attention to the way the sample dialogues are structured and try to model their dialogues along similar lines. Learners are encouraged to test your skills to the limit without focusing too much on grammatical mistakes. The best language learners are the adventurous people who are willing to test anything they have learned, even when they do not do it correctly. In addition, listening tasks and lab work will be assigned to ensure that students are increasing their knowledge of Swahili. Some time will be set aside to do pronunciation drills to ensure that learners get their pronunciation right. To promote reading skills, the instructor will introduce some basic

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
SWAH	2110	Intermediate Swahili	2CP	4	0	This the the first course of two-quarter intermediate-level sequence. Although this course will rely on the basic knowledge learned in the previous year, it is designed to take the learner deeper into Swahili structure and grammar as well as deepen their understanding and appreciation of Swahili culture. The reading passages will be longer, the written compositions longer, and the concepts more abstract. Promoting communicative competence is the main goal of this course. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. Students will also begin working on group or individual projects that demonstrate their understanding of East African cultural issues. Students will also be encouraged to make the connections or draw comparisons between East African and American culture. In addition, students will be expected to try to integrate their majors with what they are learning in class.
SWAH	2120	Intermediate Swahili	2CP	4	0	This is a continuation of 2110. Second course of two-quarter intermediate-level sequence. Although this course will rely on the knowledge gained in the fall quarter, it is designed to take the learner deeper into Swahili structure and grammar, as well as provide a deeper understanding of Swahili and East African culture in general. The reading passages will be longer, the written compositions longer and more abstract. Students will be expected to develop their abilities in debating and expressing abstract ideas and concepts. A lot of emphasis will be placed on communicative skills and comprehension of Swahili material both written and oral.
THAI	1110	Elementary Thai I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.
THAI	1120	Elementary Thai II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.
THAI	2110	Intermediate Thai I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.
THAI	2120	Intermediate Thai II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.
THAI	3110	Advanced Thai I	2CP	3	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.

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Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
THAI	3120	Advanced Thai II	2CP	3	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.
TWI	1110	Elementary Twi (Akan) I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.
TWI	1120	Elementary Twi (Akan) II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.
TWI	2110	Intermediate Twi (Akan) I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.
TWI	2120	Intermediate Twi (Akan) II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Twi speakers.
VIET	1110	Elementary Vietnamese I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.
VIET	1120	Elementary Vietnamese II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.
VIET	2110	Intermediate Vietnamese I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.
VIET	2120	Intermediate Vietnamese II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Vietnamese speakers.
WOL	1110	Elementary Wolof I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.
WOL	1120	Elementary Wolof II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.
WOL	2110	Intermediate Wolof I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.
WOL	2120	Intermediate Wolof II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Wolof speakers.

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Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
ZULU	1110	Elementary Zulu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.
ZULU	1120	Elementary Zulu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.
ZULU	2110	Intermediate Zulu I	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.
ZULU	2120	Intermediate Zulu II	2CP	4	0	Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Zulu speakers.
AH	2110	History of Art I	2FA	4	0	Survey of Western painting, sculpture, and architecture from prehistoric through Gothic. Students advised but not required to enroll in A H 2110 and 2120 in sequence.
AH	2120	History of Art II	2FA	4	0	Survey of Western painting, sculpture, and architecture from Renaissance through contemporary. Students are advised but not required to enroll in A H 2110 and 2120 in sequence.
ART	1100	Seeing and Knowing the Visual Arts	2FA	3	0	Introduction to perceiving and understanding meanings and organizational systems in traditional and contemporary visual arts in context of their social and cultural backgrounds.
ART	1600	Aesthetics of Architecture and Design	2FA	3	0	Fundamental issues of aesthetics in architecture, interiors, and design. Emphasis on the study of residential environments including socio-economic and multi-cultural issues. Topics include aesthetics, design fundamentals, history of design, and construction methodologies.
DANC	1700	The Dance Experience	2FA	3	0	A comprehensive course to introduce the beginning student to contemporary and classical dance forms including modern, ballet, and jazz dance styles. Discussions and readings cover historical and aesthetic perspectives. Live performances and studio practice contribute to students' experiential learning.
DANC	2700	History, Traditions and Languages of Dance	2FA	3	0	Art of dance from broad point of view, involving dance viewing, literature, and participation. Deals with aesthetic, physiological, social, and cultural aspects.
DANC	2710	Black Dance Forms	2FA	3	0	Familiarizes students with black dance forms and the contributions that African Americans have made to the development of dance in America. Discussions, readings, videotaped material, live performances, and studio practice contribute to the students' experiential learning.
DANC	3550	Dance Cultures of the World I	2FA	3	0	Introduction to dance cultures of world (excluding Western art dance). Function of dance in society and its relationship to other arts.

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Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
DANC	4710	Histories of Modern and Postmodern Choreography and Practice	2FA	3	0	Development of Euro-American dance in the 20th- century with focus on contemporary dance through the present.
DANC	4711	Dance, Sexuality and Gender	2FA	3	0	Since dance is an art of the body, it often engages discourses about gender, sexuality, and power. Will examine concert dance from the perspectives of feminist, gender and sexuality studies. How have representations of gender and sexuality in dance changed through time? Class activities will include video/concert viewings, readings, writings, and class discussions.
DANC	4750	Dance in Non-Western Expressive Cultures	2FA	3	0	Global dance forms: Study of dances in historical and cultural contexts, their functions in society and relationships to contemporary artistic expressions. Focus on topics from traditional and recent research in world dance.
FAR	1500	Viewing Performance	2FA	2	0	Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the Schools of Music, Dance, and Theater with a seminar course dealing with characteristics of the medium and artistic concerns. A two-hour seminar precedes and follows each of the performances.
FILM	2010	Introduction to Film: History of World Cinema	2FA	3	0	Studies in the history of world cinema, from 1895 to the present. Weekly screenings of silent and sound, American and international films.
FILM	2020	Introduction to Film: Film Analysis	2FA	3	0	Introduction to film analysis, with emphasis on formal aspects of film art such as sound, lighting, mise-en-scene, etc. Weekly screenings.
IART	1170	Introduction to the Arts: Arts in Contexts	2FA	3	0	Designed to develop and increase the understanding of the relationship of the arts and society through an examination of subject, matter, form, and content in each art by means of a critical method of analysis. A variety of visual and performing arts are covered. Opportunities for participation with the arts through lectures, technical demonstrations, campus field trips, and small-group discussions.
IART	1180	Introduction to the Arts: Object and Events	2FA	3	0	Designed to develop and increase the understanding of the relationship of the arts and the human spirit through an examination of subject, matter, form, and content in each art by means of a critical method of analysis. A variety of visual and performing arts are covered. Opportunities for participation with the arts through lectures, technical demonstrations, campus field trips, and small-group discussions.
MUS	1000	Introduction to Music Theory	2FA	2	0	Introduction to staff, pitch, and rhythmic notation, chords, pop music notation, etc.
MUS	1200	Exploring Musical Styles	2FA	2	0	Development of listening skills for understanding elements of musical style in historical perspective and significance of music as fine art.

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MUS	1240	History of Rock Music I	2FA	2	0	Examines birth, growth, and development of rock music through its acceptance as art form with significant influence on youth culture and resulting social implications.
MUS	1250	Introduction to Music History and Literature	2FA	3	0	Survey of musical forms, styles, performance media (including jazz and non-Western) from Gregorian era to present.
THAR	1130	Acting Fundamentals I	2FA	3	0	An introduction to the theory and practice of acting, as explored through exercises, scenes, and viewing plays. The exercises will explore the uses of imagination, concentration, relaxation, intention, and physical and vocal freedom through improvisation.
THAR	1710	The Theatrical Experience	2FA	3	0	Examines the nature and function of theater by exploring the creative development and cultural significance of dramatic art. Students will also attend and analyze selected theatrical performances.
THAR	1720	Elements of Performance	2FA	3	0	Examines a wide variety of modes of theatrical performance by exploring various ways text, performer, spectacle, spectator, and performance space can function across cultures.
THAR	1730	Fundamentals of Play Analysis and Playwriting	2FA	3	0	Introduction to play analysis and the craft of playwriting through theory and practice.
THAR	2710	Theater History I	2FA	3	0	Explores key dramatic texts, theories of theater, and performance practices in historical context, from antiquity through the 18th- century. Will highlight the influence of classical theater on contemporary culture and performance.
THAR	2711	Theater History II	2FA	3	0	Explores key dramatic texts, theories of theater, and performance practices in historical context, from the 19th- century through today. Will highlight the connection between theater and the social movements and philosophies that shape the modern world.
AAS	1100	Introduction to African American Literature	2HL	3	0	Focuses broadly on African American literature from work of the 18th century to contemporary writings with the intention of providing the student with an introduction to the topic. Reading poetry, short fiction, the novel, and other forms of writing, the course will explore such questions as how black writers address African American literary inheritance and production. A final paper will afford the student the occasion of applying a critical approach to literary texts. Topics may include slave and freeman and free woman narratives, the Harlem Renaissance, and the postmodern black novel. The aim of the course is to equip the student with a strong academic knowledge of African American literature in its cultural and historical contexts.

**Semester General Education Courses**

<b>Subject</b>	<b>Catalog Number</b>	<b>Title</b>	<b>General Education Code</b>	<b>Credit Hours</b>	<b>Maximum Repeat Hours</b>	<b>Course Description</b>
AAS	1500	Africana Media Studies	2HL	4	0	Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined. In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet. This course will attempt to include all aspects of the media to facilitate the examination of the Africana experience. However primary attention will be given to television, film and radio. The course will follow a loose chronological approach from early media to contemporary media. While the primary focus is on Africana media it does not preclude discourse on other related media studies issues, it is however the emphasis for this course.
AAS	2100	Slave Narrative and Freeman/Freewomen Fiction of the 18th and 19th Centuries	2HL	3	0	Will cover the African American slave narrative, from the eighteenth to the nineteenth centuries, along with free-woman and free-man writings of the later nineteenth century and possibly the early twentieth century. Readings typically include works by such authors as Frederick Douglass, Harriet Jacobs, William Wells Brown, and Solomon Northup. The course will consider contemporary debates surrounding the question of authenticity as well as current views of how slave narratives merit aesthetically. The course also interrogates questions pertaining to how the slave narrative challenges conventional notions of autobiography and how the early black novel confronts received and developing notions of the U.S. novel.
AAS	2110	African American Literature II: Black Writing of the 20th and 21st Centuries	2HL	3	0	Focuses on 20th- and 21st-century writings by African American authors with a view toward gaining an understanding of the enormous wealth of literature black writers produced during the periods in question. The course will start with the Harlem Renaissance and the Black Modernist phase, then move on to the Black Arts period, and conclude with contemporary African American literary writing. Typically, the course will read texts by writers including Langston Hughes, Zora Neale Hurston, Richard Wright, Ralph Ellison, Claude McKay, and Toni Morrison.

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AAS	2500	Blackness and the Arts	2HL	3	0	Introduction to the idea of a black art by focusing on a number of different kinds of art practice that enact the idea of race (e.g., film, video, fine art, new media, television, photography, literature). Develop skills in the critical study of black art as a historiographical, cultural, and political craft. Topics are chosen to provide a wide breadth and scope of black visual and expressive culture. The course is interdisciplinary by design and necessity. Encourages a shift of hermeneutics from the black life world to black visual and expressive culture in the terms of blackness. This means repurposing the study of black art in ways other than fidelity to the social category of race and an ethics of positive and negative representation that tacitly encourages the idea of film as cultural policy. Details a commitment to how new paradigms for form and aesthetics, historiography, and intertextuality constitute blackness as the unfinalizable encounter between the idea of race and the idea of art rather than blackness as merely sociology. The approach of this course is primarily that of visual culture and post-structuralist work devoted to difference. In this way, the method is twofold. Firstly, this is an introduction to the idea of race as enacted in the arts and an introduction to critical theory.
AAS	3500	African American Arts and Artists	2HL	3	0	The class is an intensive study of a specific topic/theme of Black visual and expressive culture. The course will be structured around this specific topic/theme to illustrate the methods and traditions of black visual and expressive culture. The content of the course will rotate but always address the relationship between art practice and the idea of race. Such topics might include feminist art, the racial grotesque, Chester Himes and the noir tradition, passing and the black embodiment index, historical consciousness and Civil Rights America, hip-hop modernism, or an analysis of one literary text (Ralph Ellison's Invisible Man or Ishmael Reed's Mumbo Jumbo) and its influence of black visual and expressive culture. The purpose of this class is to promote a rigorous sense of blackness as entailing a negotiation with the necessary, creative tensions between art and distinct modalities of black visual and expressive culture. In other words, this course redraws the lines of influence, appreciation, allusion, causality, reference, and exposition by recognizing the importance of ambiguity over prescription. The approach of the class is most immediately informed by the work of Darby English (How to See a Work of Art in Total Darkness), Kobena Mercer (Annotating Art's Histories series), and Kimberly Benston (Performing Blackness: Enactments of African American
CAS	1110	Tradition and Inquiry in the Classical World	2HL	3	0	Explores approaches to the themes of nature, knowledge, and membership in the ancient Greco-Roman culture, as revealed in ancient texts, archaeological evidence, and works of art. Regular writing assignments are designed to aid students in their exploration of the issues.

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CAS	1120	Tradition and Inquiry in the Medieval and Renaissance Worlds	2HL	3	0	Explores approaches to the themes of nature, knowledge, and membership in western culture from 980 C.E to modern culture. These themes are explored in literary and philosophical texts, work in the social and physical sciences, as well as art and film. Regular writing assignments are designed to aid students in their exploration of the issues.
CLAS	2300	Classical Literature in Translation	2HL	3	0	Introduction to significant works of of Greco-Roman literature in English translation. No prior knowledge of classical culture or classical languages required.
CLAS	2310	Human Aspirations Among the Greeks and Romans	2HL	3	0	Identifies three of the great dreams or aspirations of the ancient Greeks and Romans--aspirations that lived on in written form and played an important role in shaping the ideals and aspirations of later Western civilization: 1) the political aspiration to create a just society; 2) the philosophical aspiration to "know oneself" and to be a person of virtue whatever the condition of one's society; and 3) the Christian aspiration to live a life of loving service that derives from the Christian understanding of the nature of God. Reading quite a bit of primary source literature in English translation expected. Primary means of presentation will be lecture with short periods of discussion interspersed.
CLAS	2340	Classical Mythology	2HL	3	0	Introduction to classical mythology; readings and discussions of myths and their interpretations.
CLAS	2520	Classical Athens	2HL	3	0	Focuses on the people of the Greek city of Athens during an extraordinarily creative period of history--the century and a half from 480 B.C to 323 B.C--when the Athenians undertook the world's first democratic experiment. Examines textual sources (literature, philosophy, history, speeches and public documents) and archaeological sources (architecture, sculpture, painting) for the light which they shed on the ancient Athenians' political, intellectual, and artistic problems, concerns, and achievements. Explores how the Athenians dealt with those fundamental questions about life that face all thinking humans in a democracy.

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CLAS	2530	Alexander the Great and the Hellenistic World	2HL	3	0	Focuses first on Alexander himself, a man who became a myth even before his death. Next examines the Hellenistic world, the world that Alexander created out of his conquests. Alexander's conquests helped spread Greek civilization over the whole of the eastern Mediterranean. Many of the issues that people living in this world confronted are still relevant today: the nature of celebrity, for Alexander was arguably the first celebrity; the challenges of emigration, of living in a society that was culturally and ethnically diverse, of assimilating a foreign culture, and living under an autocracy.
CLAS	2540	Rome Under the Caesars	2HL	3	0	Looks at life and thought in ancient Rome from Augustus through Marcus Aurelius (27 B.C.- A.D.180) based on archaeological, historical, and literary sources. Examines across cultural boundaries the issue of what it means to be human. Focuses primarily on the inhabitants of Rome, how they lived and what they thought about fundamental issues such as: How should the demands of the common good be balanced with individual needs and desires? What is the role of religion in society? of education? of art? How does one deal with death? What ultimately make life worth living for an individual in Roman society? Issues then compared with our own attitudes in modern America. Studies the use of political propaganda in society, the rituals of daily life in ancient Rome, and the art and architecture that made up the environment in which these people lived.
CLAS	2550	Pagan to Christian in Late Antiquity	2HL	3	0	Interdisciplinary approach to the dramatic changes that occur in ways of looking at the individual and one's place in the world during the 4th through 6th centuries of our era as paganism is replaced by Christianity as the dominant religious view. Geographical foci are Rome and Constantinople. Sources are textual, artistic, and archaeological.
CLWR	1810	Introduction to the Study of Religion	2HL	3	0	What is religion and how do we study it? These seemingly simple questions have bedeviled generations of very smart people. Using case studies explores various religious groups and movements such as snake-handling Christians in Appalachia, Vodou practitioners in Brooklyn, and Islamist activists in Egypt. Through discussions of these cases, examines how religious practices and traditions interact with class, gender, ethnicity, politics, and others dimensions of social experience. Reflects on the ethical and methodological problems that arise when one studies groups other than one's own.

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CLWR	2210	Difficult Dialogues: Religious Beliefs	2HL	3	0	Introduction to serious, informed discussion of basic intellectual issues in religious belief. One of two Difficult Dialogues courses offered by the Department of Classics and World Religions to encourage thoughtful and productive discussion of historically contentious topics. Discussions concerning religious beliefs are notoriously difficult. They have often devolved into disputes, which have divided families, sundered friendships, and even fueled wars. Experience in navigating difficult dialogues concerning, we believe, transfer into the more generalized skill of productive discussion concerning virtually any difficult topic. So, this class is concerned specifically with learning to think through difficult religious topics and more generally with learning to think through any difficult and contentious topic.
CLWR	2220	Difficult Dialogues: Religion, Gender and Sexuality	2HL	3	0	One of two Difficult Dialogues courses offered to encourage thoughtful and productive discussion of historically contentious topics. Promotes dialogue on conflicts made divisive because of significant differences involving religious beliefs and assumptions about gender and sexuality such as how religious experience is gendered, what scriptures in different traditions say about women, and how religious traditions have changed in the way women and their role in society are viewed. Emphasizes the search for understanding of others whose beliefs are rooted in different religious or secular humanist traditions. Students are asked to engage in disciplined, self-critical thinking. Draws on methods and content from intellectual and religious history, the philosophy of religions, and contemporary religious dialogue.
CLWR	3310	Old Testament	2HL	3	0	Explores the writings of the Hebrew Bible (Christian Old Testament), their relationship to the history and culture in which they were produced, and their relevance to more recent issues in modern religious discourse. Covers a range of topics, including divine encounters, worship practices, sacred space, political religion, archaeology, ethics, gender, and memory. Applies several modern approaches as well as survey at various points the 'afterlife' of the Hebrew scriptural traditions in Judaism, Christianity, and Islam.

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CLWR	3320	New Testament	2HL	3	0	Surveys the writings of the New Testament in their historical, political, social, and religious context of the Jewish and Greco-Roman worlds in the first century. Discussions to gain familiarity with questions of authorship, genre, historical setting, historical accuracy, use of the Hebrew Bible/Old Testament, etc. Explores modern academic approaches to the New Testament and its relation to such issues as gender, ethics, identity, the body, politics, ritual, and sacred space, among others. While the course does not adopt a faith-based perspective on the New Testament, we will note the importance of selected texts to modern religious communities.
COMS	1010	Fundamentals of Human Communication	2HL	3	0	Introductory analysis of oral communication in human relationships with focus on variety of contexts including dyadic, small group, and public communication experiences. Serves as survey of human communication processes. Mass lecture.
ENG	1600	Introduction to Shakespeare in Film	2HL	3	0	Through close reading of Shakespeare's plays and through viewing films in class, students will gain an understanding of Shakespeare's artistry and ideas.
ENG	2010	Critical Analysis of Fiction and Non-Fiction Prose	2HL	3	0	Introduces students to the different forms of fiction and non-fiction prose (novels, short stories, essays, life-writing) as they have developed and changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.
ENG	2020	Critical Analysis of Poetry and Drama	2HL	3	0	Introduces students to the different forms of poetry and drama as they have changed over time. Students will acquire and deploy a critical vocabulary in learning to read and analyze these texts.
FILM	2030	Introduction to Film: The Documentary	2HL	3	0	A historical survey of the documentary film. Weekly screenings.
GK	2110	Intermediate Greek I	2HL	3	0	Study of short readings from ancient authors. Examples include the Platonic myths of creation (Protagoras) and of sexuality (Symposium).
GK	2120	Intermediate Greek II	2HL	3	0	Study of intermediate-level ancient texts, typically drawn from Homer and Plato.
HIST	1210	Western Civilization: Antiquity to 1500	2HL	3	0	Origins of Western heritage from antiquity to 1500. Included are such topics as religion, philosophy, literature, and visual arts, as well as major political events and developments.

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HIST	1220	Western Civilization: Modernity from 1500	2HL	3	0	What is the West? Is there indeed a coherent, identifiable Western heritage? If so, what is distinctive about the West's heritage? And what, further, is distinctive about the West's modern heritage? Addresses these questions by way of an examination of major intellectual, cultural, and political developments from 1500 until the present. Topics to be considered include the Renaissance; the religious Reformations of the 16th- century; absolutism, constitutional monarchy, and enlightened despotism; the Scientific Revolution and the Enlightenment; the American and French Revolutions; industrialization and nation building; modernism; imperialism and the World Wars; and the rise and fall of totalitarian regimes in the 20th- century.
HIST	1221	The First Universities: History & Learning in Europe, 1100-1600	2HL	3	0	History of the first universities and their role in medieval European history. Close examination of Bologna, Paris and Oxford. Focus on three main topics: the exchange of knowledge across languages and cultures; the role of education in growing and sustaining strong government; and controversy arising from the convergence of religion, politics, and scholarship. We consider relevance of these topics to the modern university and its place in society.
HUM	2070	Humanities : Great Books Ancient through Renaissance	2HL	3	0	Classics of various genres of Greek, Roman, Biblical through Medieval and Renaissance periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.
HUM	2080	Humanities: Post 17th- c. through Modern	2HL	3	0	Classics of various genres of 17th- century through Modern periods, leading toward understanding of Western cultural heritage. Guidance in close textual reading, historical context, critical thinking, discussion, and writing about those works.
ILML	2901	Portuguese and Brazilian Literature in English	2HL	3	0	Literature of Portugal or literature of Brazil in English translation. No knowledge of Portuguese necessary.
ILML	2902	Italian Literature in English	2HL	3	0	Famous literary works of best Italian authors, presented in English. No knowledge of Italian necessary.
ILML	2903	Spanish Literature in English	2HL	3	0	Topics may deal with either Spanish or Latin American literature. No knowledge of Spanish necessary.
ILML	2904	French Literature in English	2HL	3	0	Literary works by authors of French expression, read and discussed in English. No knowledge of French necessary.
ILML	2905	German Literature in English	2HL	3	0	Survey of masterpieces of German literature, presented in English. No knowledge of German necessary.
ILML	2906	Russian Literature in English	2HL	3	0	Selected literary works from Russia (or former Soviet Union) in English translation. Topic varies. No knowledge of Russian necessary.

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JS	1000	Introduction to Jewish Studies	2HL	3	0	Introduces Jewish culture, history and politics. We will examine how the Jewish people and their religion emerged in Biblical times, and how Jewish culture has evolved and flourished for 3,000 years. We will look at the many varieties of "Jewishness," as well as the impact the Jews have had on their non-Jewish neighbors. Students will learn about largely unrecognized aspects of Jewish culture. From Christianity to communism, from American humor and music, the Jews have bequeathed a rich and diverse heritage to humanity.
JS	2100	History of Jewish Humor	2HL	3	0	Explores the rich universe of Jewish humor. We will trace its evolution from the Yiddish culture of the 19th- century shtetl all the way to 21st-century cinema and television, where Woody Allen, Jerry Seinfeld, Mel Brooks, and others have made American humor Jewish and Jewish humor American. We will probe the significance of the schlemiel, the schlimazel, and the schnorrer, and why these cultural archetypes which emerged centuries ago in Eastern Europe still have such resonance today.
LAT	2110	Intermediate Latin I	2HL	3	0	Continues emphasis on reading skills developed in first year. Reading numerous prose excerpts from a variety of authors; content primarily concerns Roman history, as well as some poetry.
LAT	2120	Intermediate Latin II	2HL	3	0	Continues emphasis on reading skills developed in Latin 2110. Reading excerpts from a variety of authors with an emphasis on Roman poetry.
ML	2338	German Film and Culture	2HL	3	0	A survey of German film from the 20th- century to the present. Analysis of the content, formal strategies, and the historical context of major works. All films subtitled.
PHIL	1010	Fundamentals of Philosophy	2HL	3	0	Survey of selected basic problems, concepts, and methods in philosophy.
PHIL	1300	Introduction to Ethics	2HL	3	0	Discussion of classic and/or modern philosophical views of human values, ideals, and morality. Provides introductory survey of some main problems, concepts, and results of ethics including selected philosophers of past and present.
PHIL	2160	Philosophy of Science Survey	2HL	3	0	Nontechnical survey of types, testing, and credibility of hypotheses; methods of experimental inquiry; measurement; laws, theories and their role in explanation, concept formation.
PHIL	2320	Philosophy of Art	2HL	3	0	Conceptual analysis of common assumptions, attitudes, theories, and ideas about arts, their criticism, and appreciation.
PHIL	2400	Social and Political Philosophy	2HL	3	0	Introduction to major philosophical theories concerning nature of social and political communities including those offered by Plato, Aquinas, Hobbes, Locke, Mill, and Rawls. Consideration of some significant specialized problems in social and political theory including distributive justice, civil disobedience, liberty, punishment, etc.

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PHIL	2600	Philosophy of Religion	2HL	3	0	Problems in nature of religion, existence and the nature of God; problem of evil, immortality, and religious language.
PHIL	3100	History of Western Philosophy: Ancient	2HL	3	0	Significant ideas of representative Greek and Roman philosophers.
PHIL	3110	History of Western Philosophy: Medieval and Renaissance	2HL	3	0	Augustine to Bruno and Campanella.
PHIL	3120	History of Western Philosophy: Modern	2HL	3	0	17th and 18th century European philosophy.
PHIL	3140	19th Century European Philosophy	2HL	3	0	Subjects selected from French, German, and British philosophers of 19th century.
VICO	1000	Introduction to Studies in Visual Communication	2HL	3	0	Offers an introduction to visual communication principles, aesthetics, research, and applications in the field. It prepares students for further study in the communication industry of photojournalism, commercial photography, interactive multimedia design, and publication design.
WGS	1000	Introduction to Women's and Gender Studies	2HL	3	0	An interdisciplinary fundamentals course in which students explore a range of perspectives regarding social, political, and cultural constructions of gender, race, and sexuality.
ANTH	2010	Introduction to Biological Anthropology	2NS	3	0	Evolutionary theory; primates; fossil record of human evolution; mechanics of evolution; human variation.
ASTR	1000	Survey of Astronomy	2NS	3	0	General introduction to astronomy, with emphasis on the structure of the universe beyond our solar system. Topics include historical astronomy, the sun, stars, galaxies, interstellar matter, black holes, the "Big Bang" theory, and the evolution of the universe. No prereq, but familiarity with basic algebra and geometry is beneficial.
ASTR	1001	Moons and Planets: The Solar System	2NS	3	0	General introduction to astronomy, with emphasis on our solar system and other planetary systems. Topics (chosen by instructor) may include historical astronomy, the sun, the surfaces, interiors, and atmospheres of the planets, comets, asteroids, and meteor impacts, planets around other stars, and the origin of life. Also listed as PSC 1001. No prerequisites, but familiarity with basic algebra and geometry is beneficial.
ASTR	1400	Observational Astronomy Laboratory	2NS	1	0	Experience with telescopes and locating stars, planets, and deep-sky objects in the night sky. Also covers major constellations, seasonal variations, lunar cycles, and, when appropriate, eclipses and comets.
BIOL	1010	Principles of Biology	2NS	4	0	Designed for nonscience majors. Principles of cell biology, physiology, ecology, genetics, and evolution. No credit for 1010 if already have credit for BIOS 1700 or PBIO 1140. 3 lec 2 lab.
BIOS	1000	Animal Diversity	2NS	3	0	For nonmajors. A broad survey of all of the major groups of animals. Aspects of the biology, reproduction, ecology, and evolution of the animal phyla.

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BIOS	1030	Human Biology I:Basic Principles	2NS	3	0	For nonmajors. Humans as biological organisms: our origins, ecology, and inheritance, and functioning of our body systems.
BIOS	1300	Principles of Human Anatomy and Physiology I	2NS	4	0	Introduction to the structure and function of the human body in the study of cells, tissues, and the integumentary, skeletal, muscular and nervous systems.
BIOS	1310	Principles of Human Anatomy and Physiology II	2NS	4	0	Introduction to the structure and function of the human body in the study of the digestive, urinary, reproductive, cardiovascular, lymphatic, respiratory, endocrine systems, and acid-base balance.
BIOS	1700	Biological Sciences I: Molecules and Cells	2NS	3	0	Cellular and molecular biology. Designed for science majors and preprofessional students. Introduction to the chemistry of life, cell structure and function, and the principles of inheritance. Credit not allowed for both 1700 and any of the following: BIOL 1010, PBI0 1100, PBI0 1140.
BIOS	1705	BIOLOGICAL SCIENCES I: LABORATORY	2NS	1	0	Laboratory course to accompany BIOS 1700.
BIOS	1710	Biological Sciences II: Ecology, Evolution, Animal Body Systems	2NS	3	0	Animal organ systems. Designed for science majors and preprofessional students. Introduction to multicellular life, organ systems, anatomy, physiology, and animal development; emphasis is on comparative strategies within the animal kingdom. Ecology and evolutionary biology. Introduction to the principles of evolution, ecology, and behavior.
BIOS	2010	Elementary Microbiology	2NS	3	0	Medical microbiology; topics include microbial and fungal growth, metabolism, and genetics; antimicrobial chemotherapy; principles of immunology, microorganisms, and infectious diseases.
BIOS	2020	The Biology of Sex Differences	2NS	3	0	Genetic, hormonal, and environmental influences that affect the development of sex differences. Lecture, discussion, and group-report formats.
BIOS	2030	Human Biology II: Essentials of Anatomy and Physiology	2NS	3	0	Introduction to functional anatomy of the human body. Emphasis is on the musculoskeletal system and its control by the nervous system. Students will learn how the skeleton, major muscle groups, and nervous system work together during human behaviors such as posture, locomotion, control of the hands, and respiration.
BIOS	2035	Human Biology II Laboratory: Functional Anatomy	2NS	1	0	For nonmajors. Laboratory introduction to the functional human anatomy. Emphasis is on the musculoskeletal and other major organ systems: nervous, circulatory, respiratory, and gastrointestinal. Students will explore the major patterns of the musculoskeletal and other organ systems through practical exercises with joint-muscle and tissue organ relationships by using articulated skeletons, surface anatomy, and dissection.

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BIOS	2060	Drugs and the Brain	2NS	3	0	For nonmajors. The brain creates behavior in part via multiple chemical messenger (neurotransmitter) systems that serve specific functions such as mood alteration and arousal. Recreational and psychoactive medical drugs work by mimicking these natural messenger systems, and thus help elucidate the behavioral functions of different neurotransmitter classes. Reviews nervous system structure and chemical signaling pathways and then survey the major classes of psychoactive drugs, including alcohol, opium, cocaine, amphetamines, nicotine, caffeine, marijuana, the hallucinogens, and the antidepressants. Particular attention is paid to the biological bases of their effects.
BIOS	2100	Exploring Animal Behavior	2NS	3	0	Humans have always been interested in animal behavior. During our early history, much of that interest was based on practical need. Today studies of animal behavior help us understand our own behavior as well as our interactions with all other animals. Explore both how and why some animals migrate, live in groups, fight, have mating preferences, provide parental care, and communicate. Lectures will address some controversial issues in animal behavior, such as "Do animals have emotions?" Provides you with a new way of thinking about, observing, and interacting with the animals.
BIOS	2750	Ecology in the 21st- Century	2NS	3	0	Introductory study of the natural environment and relations of organisms to one another and their surroundings. Individual, population, and community and global dynamics are considered in natural and human-influenced environments to improve ecological literacy about how the natural world works.
CHEM	1210	Principles of Chemistry I	2NS	4	0	Introduction to chemistry through study of atomic and molecular structure, periodic table, states of matter gases, solutions, energy changes, acids, bases, equilibrium, and nuclear chemistry.
CHEM	1220	Principles of Chemistry II	2NS	4	0	Designed to survey organic chemistry and biochemistry and their impact upon daily existence.
CHEM	1510	Fundamentals of Chemistry I	2NS	4	0	General course in fundamental chemical principles. Atomic structure, periodic classification, bonding, mole concept, stoichiometry with problem solving, thermochemistry, equilibrium, and gases. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas.

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CHEM	1520	Fundamentals of Chemistry II	2NS	4	0	General course in fundamental chemical principles. Intermolecular forces and phase changes, solutions and colligative properties, chemical kinetics, chemical equilibrium, acid-base equilibria, thermodynamics (entropy and free energy), electrochemistry, descriptive chemistry, and nuclear chemistry. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas. Credit not allowed for both 1220 and 1520.
GEOG	1100	Physical Geography	2NS	4	0	An introduction to the earth's dynamic, natural environmental systems-- weather and climate, landforms, soils, ecosystems, and biomes.
GEOG	2020	Introduction to Weather	2NS	4	0	Experience in class and in labs in the analysis of weather maps. Particular emphasis on weather phenomena presented in the media (global warming, El Niño).
GEOL	1010	Introduction to Geology	2NS	4	0	Nature and distribution of earth materials and their utilization as natural resources; discussion of earth structure, earthquakes, mountain building, and continental drift; development of landscapes.
GEOL	1200	The Mobile Earth	2NS	3	0	An examination of the earth's dynamic systems including continental drift, sea floor spreading, mountain building, volcanic activity, and earthquakes, and their explanation in terms of plate tectonic theory. Intended for both science and nonscience majors seeking a nontechnical overview of plate-tectonics.
GEOL	1300	Geology of the National Parks	2NS	3	0	Survey of the geologic features of the national parks of the United States, emphasizing the history of their geologic development.
GEOL	2080	Geology of the Solar System	2NS	3	0	Students can experience the thrill of geologic exploration of solid planets and moons in the solar system through the study of samples and knowledge obtained by manned and robotic spacecraft missions. Focuses on changing perceptions and advancement of knowledge with each new mission and discovery.
GEOL	2110	Introductory Oceanography	2NS	3	0	Survey of physical, chemical, biological, and geological aspects of oceanography.
GEOL	2210	Earth and Life History	2NS	3	0	A nontechnical survey exploring the 4.5 billion-year history of the interaction between life and the environment. Topics include the origin of the Earth, the origin and development of life, the origin and evolution of the continents, the history of the atmosphere and ocean, catastrophic extinctions, and the impact of human evolution.
GEOL	2710	Extreme Ancient Climates	2NS	3	0	Examination of Icehouse, Greenhouse, and Hothouse climates in Earth history from an Earth System Science perspective.

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PBIO	1000	The World of Plants	2NS	3	0	For nonscience majors. Examines the importance of plants in providing global resources for humans and the impact of human activity on the sustainability of these resources. The course places a particular focus on the importance of climate and energy policy as they relate to our uses of plants and the impact that changing climate would be expected to have on plants.
PBIO	1000L	The World of Plants Laboratory	2NS	1	0	Same lecture as 1000 with additional laboratory to provide practical experience with plants and topics discussed in lecture.
PBIO	1090	Americans and their Forests: Ecology, Conservation and History	2NS	3	0	Provides an understanding of modern forests encompassing both recent and long-term effects arising from natural and human causes. The pattern and character of forest utilization will be interpreted in terms of varied cultural experiences in different regions and times.
PBIO	1140	Foundations of Plant Biology	2NS	4	0	Introduces the concepts of plant physiology and cellular and molecular biology that are the foundation of all biological processes. Topics include DNA structure and function leading to genetics and evolution, theories of the origins of life leading to cell structure and function, and bioenergetics. The lab provides supplemental information and hands on activities to reinforce the lecture topics.
PBIO	1150	Plant Structure and Development	2NS	4	0	For plant biology and other science majors, preprofessional students and science modular students. Introduction to structure, growth, development, and reproductive biology of plants with emphasis on flowering plants.
PBIO	2090	Plant Ecology	2NS	3	0	Basic concepts, theory, and applied aspects of plant ecology. Focus on the interactions of plants with their environment (biotic and abiotic) over a range of spatial and temporal scales.
PBIO	2140	Exploring Bioinformatics I	2NS	1	0	A seminar/discussion course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will introduce the topic of bioinformatics and explore the educational and job opportunities in the field.
PBIO	3140	Exploring Bioinformatics Seminar	2NS	1	6	A seminar course focused on the emerging discipline of bioinformatics, the use of computers to analyze biological and medical data. The course will allow students to do in-depth literature review of sub-disciplines within the field and share those findings with the class.
PHYS	2001	Introduction to Physics	2NS	4	0	First course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, plant biology, and premedicine. Mechanics of solids and liquids, oscillations, heat, thermodynamics. No credit for 2001 after 2051.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
PHYS	2002	Introduction to Physics	2NS	4	0	Continuation of 2001. Second course in physics; open to students from all areas. Students should have a background in algebra, trigonometry and geometry, but no calculus required. Recommended for students in liberal arts, architecture, industrial technology, geological sciences, plant biology, and premedicine. Mechanics of solids and liquids oscillations, heat, and thermodynamics. Also includes electricity, magnetism, waves, sound, light, relativity, quantum, atomic, and nuclear physics.
PHYS	2051	General Physics	2NS	5	0	Classical physics with calculus and vectors. Newtonian mechanics, rotational dynamics, gravitation, oscillations, fluids, thermodynamics.
PHYS	2052	General Physics	2NS	5	0	Classical physics with calculus and vectors. wave mechanics and phenomena, electrostatics, capacitance, electric current and circuits, magnetism and magnetic fields, electric induction, A.C. circuits, electromagnetic waves, geometrical optics, interference, and diffraction of light.
PHYS	2301	General Physics with Biological Applications	2NS	4	0	Classical physics with calculus, emphasizing biological and medical applications. Topics include fluids, waves, sound, electricity, magnetism, optics and topics in modern physics.
PSC	1000	Survey of Astronomy	2NS	3	0	General introduction to astronomy, with emphasis on the structure of the universe beyond our solar system. Topics include historical astronomy, the sun, stars, galaxies, interstellar matter, black holes, the "Big Bang" theory, and the evolution of the universe. No prereq, but familiarity with basic algebra and geometry is beneficial. Must enroll in ASTR 1000.
PSC	1001	Moons and Planets: The Solar System	2NS	3	0	General introduction to astronomy, with emphasis on our solar system and other planetary systems. Topics (chosen by instructor) may include historical astronomy, the sun, the surfaces, interiors, and atmospheres of the planets, comets, asteroids, and meteor impacts, planets around other stars, and the origin of life. Must enroll in ASTR 1001.
PSC	1010	Physical World	2NS	3	0	Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.
PSC	1011	Physical World	2NS	4	0	Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, electricity and magnetism, heat, atomic and nuclear physics. Introduction to relativity and quantum phenomena.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
PSC	1050	Color, Light, and Sound	2NS	3	0	Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.
PSC	1051	Color, Light, and Sound	2NS	4	0	Designed for nonscience majors. Physical nature of light and sound including transmission, absorption, reflection, interference, and resonance. Applications include analysis of musical instruments, acoustics, optical systems, perception of color and sound.
PSC	1310	Nano-Science and Technology	2NS	3	0	Introductory course covering an overview of the concept of scale, and of novel phenomena that arise as a function of scale, instrumentation that allows probing systems on the nanoscale, fabrication methods that yield nanoscale geometries, and the influence of this emerging field in our current and future lifestyles.
PSC	1400	Observational Astronomy Laboratory	2NS	1	0	Experience with telescopes and locating stars, planets, and deep-sky objects in the night sky. Also covers major constellations, seasonal variations, lunar cycles, and, when appropriate, eclipses and comets. Should be taken as ASTR 1400.
PSC	2050	Life on Other Worlds?	2NS	3	0	An exploration of ideas relating to the possibility that life exists elsewhere in the universe, both on planets and moons within our solar system, and within other planetary systems. The course begins by considering our planet's formation and the conditions which may have led to life appearing here, then moves outward. Students will learn the scientific basis of the age of the Earth and the Universe and the physical conditions necessary for planets around other stars to harbor life as we know it. Astronomical observations are discussed regarding what we know about extrasolar planets.
AAS	1010	African American History I, 1526-1875	2SS	3	0	Examines economic, demographic, social, cultural and political topics in African American history from African origins to the Emancipation era. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the experiences of Black people, the development of rural communities, and the potentiality and challenges facing interracial cooperation, within the framework of larger socio-economic and political processes in U. S. history.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
AAS	2020	African American History II, 1876 to late twentieth century	2SS	3	0	Examines a series of topics; economic, demographic, social, cultural and political; in African American history from 1876 to the late twentieth century. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the internal experiences of ordinary African Americans, within the framework of larger socioeconomic and political processes in U. S. history. In addition to providing topical perspectives (e.g., work, family, and religion), the course will pay close attention to chronology and change over time.
CFS	2700	Intimate and Family Relationships	2SS	3	0	Explores human relationship processes leading to a variety of marriage and family experiences over the life span. The importance of cultural contexts and individual values, styles, and decision-making will be considered as they relate to relationship processes.
CFS	2710	Individuals and Families Over the Lifespan	2SS	3	0	The purpose is to study the individual and family from a family and individual life span perspective. A variety of theoretical frameworks and perspectives will be reviewed, including life span developmental theory. Current research in the field of family science and child development will be surveyed.
CLAR	2110	Greek Archaeology	2SS	3	0	Introduces Greek society and culture through investigation of its artifacts and the contexts in which they are found. Explores the different approaches to investigating particular kinds of material evidence, and what aspects of Greek culture they reveal. Starting with the Minoans and Mycenaeans, examines the growth of civilization in Bronze Age Greece and its rebirth after the fall of the Mycenaean palaces, to the appearance of city-states, and the rise of Philip of Macedon in the 4th century. Examines how to identify and date different types of material evidence, and be able to show their relevance to the reconstruction of ancient Greek culture as a whole.
CLAR	2120	Roman Archaeology	2SS	3	0	Explores the material remains from the Roman world and of the information they provide about Roman society. Among other things, examines sculpture, painting, coinage, and architecture to learn how Romans at various levels of society used objects, images and built structures to make statements about themselves. Examines how these messages differed from one part of the empire to another. Teaches how to look at and 'read' objects and images. Special emphasis placed on methodologies used to interpret them.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
CLAR	2130	Near Eastern and Egyptian Archaeology	2SS	3	0	Traces the development of states in Mesopotamia and Egypt, from the beginning of agriculture to the end of the Bronze Age in 1000 B.C. Explores how these civilizations of the Near East first developed cities, temples and palaces, writing, taxation, and large scale warfare, all which influenced the development of cultures ancestral to our own. Topics include the role of religion in the early states, the rise of the absolute ruler, trade networks, and the growth of the Mesopotamian and Egyptian empires. Focuses in particular on the roles of the ruler in religion, society and economy, and the sources for reconstructing economy and society at the lower levels of society.
COMS	3602	Political Rhetoric	2SS	3	0	Rhetorical techniques found in political discourse are examined. Topics covered include symbolic politics, the place of myth in politics, and the political elements of film, literature, and television.
CONS	2500	Consumers in Global Communities	2SS	3	0	An analysis of basic components and operations of the economic system in the United States as they affect the consumer. Current consumer issues, influences, restrictions of consumer freedom of choice, major consumer expenditures, and resources which are available to consumers as they participate in decision making and consumption are discussed.
ECON	1000	Introduction to Economic Concepts	2SS	3	0	Econ1000 is proposed as a hybrid course entitled Introduction to Economic Concepts. The purpose of this course is to provide students with an overview of important economic topics from microeconomics and macroeconomics using a multi-media electronic format which will allow students to learn in an interactive, tutorial manner, rather than a lecture format. Multimedia format is defined as a combination of text, audio, still images, animation, and video content used to provide an interactive experience online. Econ1000 is not a course which would be required of a student majoring in Economics or Business and it will differ substantially from Principles of Microeconomics (Econ1030) and Principles of Macroeconomics (Econ1040). The target audience for Econ1000 will be students who would benefit from an introduction to Economics as part of a liberal arts education, even though they may never take any other Economics course and have not acquired the quantitative skills needed to succeed in other Economics courses. The concepts which will be studied are key to understanding individual decision-making, the role of government in a market economy and the role of economics in global discourse and dialog. The relevance of Econ1000 to good citizenry and the broad nature of its focus fulfill the requirements of a Tier II
ECON	1030	Principles of Microeconomics	2SS	3	0	Basic theory and economic analysis of prices, markets, production, wages, interest, rent, and profits. Analysis of how the capitalistic system determines what, how, and for whom to produce.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
ECON	1040	Principles of Macroeconomics	2SS	3	0	Basic theory of national income analysis. Causes of unemployment and inflation. Monetary and fiscal policies of the federal government.
EDEC	1600	Introduction to Child Development	2SS	3	0	Fundamental patterns of children's physical, cognitive and social emotional development and behavior beginning prenatally and continuing through adolescence. Examines how these issues and themes of child development have effected and been effected by societal changes in a progressively more connected, diverse and globalized world.
GEOG	1200	Human Geography	2SS	3	0	Examination of spatial dimensions of culture, emphasizing patterns of selected cultural elements - language, religion, population, settlement, political and economic landscapes, and human/environment interactions.
GEOG	1300	World Regional Geography	2SS	3	0	Course covers economic, political, social, and cultural characteristics that form major world regions. The course addresses the interrelationships and tensions between world regions based on these themes. Course includes, but is not limited to, studies of Anglo America, Latin America, Europe, Commonwealth of Independent States, Subsaharan Africa, Southwest Asia, South Asia, Southeast Asia, East Asia, and Australia/Oceania.
HIST	2000	Survey of United States History, 1600-1877	2SS	3	0	A survey of American history from colonial origins through Reconstruction. The major political, social, cultural, and economic developments are discussed.
HIST	2010	Survey of United States History, 1865-present	2SS	3	0	A survey of American history from Reconstruction to the present. The major political, social, cultural, and economic developments are discussed.
JOUR	1050	Introduction to Mass Communication	2SS	3	0	All forms of mass communication, including newspapers, magazines, broadcast, online, book publishing, public relations, advertising, and photojournalism. Analysis of communication process and media career opportunities.
LING	2700	The Nature of Language	2SS	3	0	A broad look at the nature of language. The focus is on human language in general: characteristics, acquisition, meaning, social use, and tendencies for change in language. Language is an everyday experience for all of us. We use language to convey our most basic needs and to express our most profound hopes. We rarely give a second thought to this tool whose use generally comes to us so effortlessly. This course will help you understand and appreciate the complexity and sophistication that underlies this system we depend on so much.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
MDIA	1091	Introduction to Mass Media	2SS	3	0	Overview of American media industries from economic and cultural-critical perspectives. Examines organizational structures, delivery systems, programming, government regulation, technological functions, and social impact of media.
MGT	2000	Introduction to Management	2SS	3	0	Understanding of and practice in solving problems facing managers and administrators using concepts and principles from behavioral sciences and other applicable disciplines.
POLS	1010	Politics in the United States	2SS	3	0	Examines the role of citizenship, participation, and government in the context of American domestic politics.
POLS	1500	Themes in Global Politics	2SS	3	0	Each class has anchoring theme or set of themes related to global politics, such as, but not limited to, norms, justice, power, conflict and cooperation, globalization and development.
POLS	2300	Comparative Politics	2SS	3	0	Introduction to dynamics, structures, and comparison of contemporary political systems and processes.
POLS	4300	Politics in Western Europe	2SS	3	0	Government and politics in several west European nations.
PSY	1010	General Psychology	2SS	3	0	Introduction to psychology. Survey of topics in experimental and clinical psychology including physiological bases of behavior, sensation, perception, learning, memory, human development, social processes, personality, and abnormal behavior.
REC	2010	Recreation and Leisure in Society	2SS	3	0	Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.
SOC	1000	Introduction to Sociology	2SS	3	0	Nature of human society and factors affecting its development. Fundamental concepts of sociology: culture, personality, socialization, social organization, groups, institutions.
SOC	2000	Contemporary Social Problems	2SS	3	0	Sociological perspectives on social problems considered. Emphasis on the social mechanisms that produce and reproduce images, explanations, causes, and consequences of social problems.
SW	1000	Introduction to Social Work and Social Welfare	2SS	3	0	Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, and corrections. Within this context, various career options and professional roles will be described, including that of social work.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
AAS	3691	U.S. Constitutional Law: Pre-Civil Rights Movements	3	3	0	While learning the basic principles of Constitutional Law and legal reasoning, students taking this course will also learn the critical role law plays in correcting social injustices in our society, the significance of precedents and stare decisis in a common law system; and how to distinguish cases that have similar factual bases but different judicial holdings. The course is also intended to help students develop a sharpened sense of civic responsibility, especially in relation to issues of equality and justice.
AAS	3692	U.S. Constitutional Law: Post-Civil Rights Movements	3	3	0	AAS 3692 builds on AAS 3691. Students taking this course will learn how the Supreme Court of the United States applied the Constitution to uphold the Civil Rights Act of 1964 and other laws passed to secure for African Americans the Constitutional rights they had been denied for nearly two centuries. Students will also learn how other Americans have benefited from the legal paths forged by African Americans in their struggle to obtain the Constitutional rights to which all Americans are entitled.
AAS	4693	Legal Policy and Disparities in the American Health Care System	3	3	0	Intended to examine the disparities in health care experienced by women, children, the elderly, Blacks, Latinos, Native Americans, Appalachians, and the poor in the American health care system, in the spirit of open, scholarly inquiry. Dr. Martin Luther King, Jr. once said, Of all the forms of inequality, injustice in health care is the most inhumane. He worked to raise awareness about public health concerns, particularly relating to issues that disproportionately affect minorities, people of color, and low-income communities.
ACCT	4600	Accounting Capstone	3	3	0	Capstone course will focus on the integration of knowledge from the accounting curriculum as a whole, including financial accounting and reporting, managerial accounting, tax accounting, controls, risk, auditing, and research. Stresses research, group and individual written research summaries, and presentations.
AH	4711	Methods in Art History	3	3	0	Investigation of various methodological approaches to study of art.
ANTH	4520	Anthropological Archaeology	3	3	0	Explores contemporary archaeology in which goals, methods, and theory are considered within the framework of science.
ANTH	4720	History of Anthropological Thought	3	3	0	Overview of the dominant theories and perspectives that have shaped cultural anthropological research and writing over the past century or so.
ANTH	4730	Human Evolution	3	3	0	This course is designed to explore issues surrounding the evolution of humans, human ancestors and their close relatives, focusing on how selective pressures have shaped the evolutionary heritage of hominins.
ART	4950	Studio Art BFA Practicum	3	2	0	Preparation for senior presentation and portfolio. Requirement for all BFA studio majors.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
ART	4952	Studio Art BFA Exhibit	3	2	0	Completion and installation of BFA Exhibition. Requirement for all studio majors.
ART	4954	Graphic Design Practicum	3	2	0	Preparation for senior presentation and portfolio. Requirement for all studio majors.
ART	4956	Graphic Design BFA Exhibit	3	2	0	Completion and installation of BFA Exhibition. Requirement for all studio majors.
ART	4958	Thesis Interior Architecture Studio	3	5	0	Students select, develop, and present a complete interior design project. Thesis project selection, development, and overall character will be approved by faculty. Requires the application of interdisciplinary knowledge. Coursework includes final exhibition of project. Student must maintain computer workstation in the design studio.
AVN	4800	Business in Aviation	3	3	0	This capstone is a study of business aviation operations, management and finance to include corporate, fractional, charter, Fixed Base Operator (FBO), and various aviation business models. Students will apply research methods to actual cases from business partners and function as aviation business consultants. The result will require a synthesis of ideas and suggested solutions presented to the business partners.
BIOS	4070	Developmental Biology	3	3	0	Mechanisms of animal development at tissue, cellular, and molecular levels of organization, with emphasis on experimental approaches. Integrates genetics, cell biology, and molecular biology.
BIOS	4190	Computer Simulation in Biology	3	3	0	Introduction to computer modeling and simulation in biological research. Designed to illustrate the power and limitations of computer simulation by having students code (in software simulation programs like Berkeley Madonna or Matlab) simulation programs for a number of different biological phenomena. Quantitative models used include those of enzyme kinetics, population biology, population genetics, diffusion models, and compartmental models in physiology.
BIOS	4730	Animal Behavior	3	3	0	Ecological, physiological, and developmental aspects of animal behavior, interpreted from the perspective of evolutionary biology.
BIOS	4810	Animal Conservation Biology	3	3	0	The roles of population genetics, population and community ecology, biogeography, systematics, and paleobiology in the study of biodiversity, design of nature reserves, and the recovery of endangered species. Discussion of extinction as a process, the effects of human-induced habitat degradation on loss of species diversity, and the role of reserves in protection of species.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
BIOS	4941	Senior Research and Thesis	3	3	0	Independent research and thesis under the supervision of a faculty member. Requires students already actively involved in a research project to present their research findings, both orally and in written thesis format. It is intended for students who are not pursuing a degree in Biological Sciences with honors. Students should enroll in the semester the research will be completed and thesis presented.
BIOS	4941H	Senior Honors Thesis	3	2 to 6	0	Independent departmental honors research thesis under supervision of staff member. Student should enroll semester he or she expects to complete thesis. Registration with director of departmental honors program is required.
CE	4910	Senior Design- Land Development	3	3	0	An advanced applied engineering course utilizing multiple fundamental civil engineering courses as applied to land development.
CE	4911	Senior Design--Environmental/Water Resources	3	3	0	An advanced applied engineering course utilizing combinations of water/wastewater treatment and hydraulics/hydrology courses as applied to society's needs.
CE	4912	Senior Design--Structures and Foundations	3	3	0	A civil engineering design elective integrating fundamental civil engineering courses for foundation and structural design, analysis, and drawing.
CFS	4602	Professional Assessment and Helping Skills	3	3	0	This is the child and family studies capstone course in the assessment of children, individuals, couples and families, and the acquisition of helping skills needed to facilitate these processes; all necessary in preparing students for their final internship experience. It is designed to help students acquire practical helping skills, techniques, and theoretical foundations that define and support assessment and effective helping relationships for human services professionals working in a wide range of settings. Highly experiential in nature and includes multiple opportunities for practice, demonstration, and discussion of methods and techniques drawn from the text, lectures, and supplemental materials. It also includes an introduction to group process. Specific emphasis is placed on integrating previous and concurrent course content and experiences, and bringing an enhanced level of skill to the helping relationship. Additional considerations include an emphasis on a student's personal beliefs, values, and spirituality and their impact on the helping process and developing an awareness of multicultural issues and other significant topics that impact the helping relationship, such as ethics, gender, race, religion, disability, ageism, and sexual orientation.
CHE	4310	Chemical Engineering Process Design II	3	3	0	Continuation of 4300. Preliminary design of a chemical process. Process synthesis, computer flowsheeting, layout, safety, and economics. Also involves the assessment of skills from explicit and implicit prerequisite courses.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
CHEM	4870	Forensic Chemistry II: Procedures, Drugs and Trace Analysis	3	3	0	Surveys chemical problems most frequently encountered in crime labs and their currently acceptable solutions, as well as special techniques not covered in other analytical chemistry courses.
CHEM	4870L	Forensic Chemistry II Lab	3	2	0	Laboratory work to accompany 4870.
CHEM	4941	Undergraduate Research	3	3	0	Independent research for qualified students in chemistry and biochemistry.
COMS	4800	Capstone Seminar in Communication	3	3	0	This course presents a seminar treatment of current or topical interest in communication studies. The topic will vary with instructor expertise and research interests. During the seminar, students will synthesize and integrate concepts from multiple areas of communication.
CS	4560	Software Design and Development I	3	3	0	All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.
CSD	4410	Pre-Professional Service II	3	3	0	Offers continued exploration of clinical practice issues in communication disorders and includes 10 hours of volunteer experience in order to complete the Capstone Service Learning Project. Students will observe assessment and intervention session in real time and will learn clinical writing skills for both speech pathology and audiology.
DANC	4800	Senior Capstone	3	3	6	Prepares students for the field of dance and related careers. Skills in writing, networking, and oral presentation, as well as the ability to access available resources, are refined. Includes choreography, performance, and production aspects of senior projects and other dance events.
ECON	4850	Economic Methodology	3	3	0	Statistical testing of economic hypotheses employing linear regression. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.
EDCS	4000	Democracy, Education & Society	3	3	0	Examines the historical and philosophical roots of education in the U.S. Engages students in a critical examination of contemporary issues in education and the role of citizens and educators as transformative change agents for the improvement of schools with a commitment to equity and socially just education. Synthesizes educational history, philosophy, sociology, politics, as they address the responsibilities of families, students, educators and the community in educational practices in the United States.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
EDCS	4001	Democracy, Diversity and Education	3	3	0	Synthesizes the fields of diversity, our democratic society and education's promise for transformation and social change. Studies the social, philosophical, ideological, and historical foundations of diversity in the United States and asks how we can become transformative change agents in creating and sustaining a more diverse and educated citizenry.
EDEC	4500	Principles and Practice of Curriculum in Early Childhood	3	3	0	Synthesis of early childhood curriculum content, teaching strategies, and decision-making processes in curriculum development and implementation.
EDPL	4650	Professional Internship Seminar	3	3	0	Capstone seminar in which teacher candidates demonstrate data-based instructional practices and reflection as they are concurrently completing their professional internship under the direction of a cooperating teacher and university supervisor. Through planning and independent teaching an extensive unit of instruction, candidates document synthesis through the completion of a Teacher Work Sample. Allows candidates to demonstrate culminating knowledge, skills and dispositions acquired through course work in professional education as well as required content course work across the university.
EE	4963	Electrical and Computer Engineering Capstone Design II	3	3	0	Continuation of team design project begun in EE 4953 with an emphasis on construction, pre-testing, and redesign; then ultimately final design assembly, testing, and analysis of outcomes. Critical design and formal design reviews conducted. Exposure to a variety of career options. Examine and develop skills necessary for a successful engineering career.
EH	4710	Environmental Risks and Society Benefits	3	3	0	Reviews the historical record of the creation and use of potentially hazardous chemicals emphasizing drugs; legal or otherwise through the present day. By examination of chemical accidents or questionable drug approval decisions, in light of society needs and desires, students will appreciate chemical risks versus chemical benefits. Many infamous major chemical incidents such as Bhopal, Three Mile Island, and the Exxon Valdez spill will be covered in detail, as will current drug issues such as fluorinated drinking water supplies, Viagra, and the Plan B pill. Perspectives from the media, business, and government will be covered to enable students to critically evaluate risks and benefits, and develop a realistic understanding of the democratic chemical approval process.
ENG	4600	Topics in English Studies	3	3	0	Concentrated attention to one literary topic, e.g., a genre, theme, rhetoric, or literary theory. Topics are announced quarterly in the departmental course description booklet available in Ellis Hall.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
ENG	4640	English Authors	3	3	0	Authors to be studied vary section to section, quarter to quarter, and are announced quarterly during priority registration in the departmental course description booklet available in Ellis Hall.
ENG	4650	American Authors	3	3	0	Authors to be studied vary section to section, quarter to quarter, and are announced quarterly during priority registration in the departmental course description booklet available at Ellis Hall.
ENG	4660	International Authors	3	3	0	Authors to be studied vary section to section, quarter to quarter, and are announced quarterly during priority registration in the departmental course description booklet available at Ellis Hall.
ES	4500	Environmental Studies Capstone Seminar	3	3	0	This is an interdisciplinary seminar that incorporates problem-solving, critical thinking, and leadership skills in the context of a contemporary environmental issue. The course is team taught by faculty in several disciplines and will offer students perspectives from the sciences and humanities.
ET	4520	Appropriate Technology in Developing Countries	3	3	0	Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.
ETM	4620	Operations and Production Capstone	3	5	0	Capstone course requiring student teams to use knowledge from previous technical and business courses to develop a manufacturing operations plan for a product. Includes production planning and control, resource planning, product cost considerations, facilities planning, and tooling design and construction. Experience current concepts of enterprise-wide computer integrated manufacturing, manufacturing control systems, and new product development. Emphasis will be placed on team work, computerized production documentation, supply chain execution systems, lean manufacturing, integration and optimization of all business technical functions, operations within a manufacturing enterprise, and product development. Lab activities include the implementation of the above plan including tool build, plant layout, and actual production of parts and product.

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Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
EXPH	4495	Exercise Testing and Prescription for Special Populations	3	3	0	Advanced knowledge of clinical exercise physiology. Students synthesize information from foundation courses in order to make modifications of diagnostic fitness evaluation, exercise prescriptions and exercise programming for high risk individuals and those with chronic diseases and disorders.
FIN	4610	Financial Management and Policy	3	3	0	Case study of financial management in business enterprises. Planning current and long-run financial needs, profit planning, allocation of funds, raising funds, dividend policies, expansion and combination, recapitalization and reorganization.
GEOG	4800	Senior Seminar in Geography	3	3	0	Capstone course that encourages the implementation of acquired knowledge from previous course work. Involves an examination and application of topics relating to the history and philosophy of geographic thought.
GEOG	4990H	Honors in Geography	3	3	6	This course requires qualified Geography seniors to write an honors thesis, which involves a substantial amount of reading, research and writing, a synthesis of various fields of geographical knowledge, and a mixed use of research tools and methods, including maps, spatial statistics, GIScience, field research, and personal interviews.
GEOL	4460	Earth Systems Evolution	3	3	0	Synthesis of the coupled histories of the Earth's interior, surface, and life.
GEOL	4910	Field Geology	3	6	0	Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.
HIST	4536	Medieval Rome: Piety and Power	3	3	0	An interdisciplinary course on the political, religious, and topographical history of the city and its environs over a long time span. The focus is on periods of dramatic change, both political and physical, including the time around the reigns of the first Roman emperor, Augustus, and the first Christian emperor, Constantine; Rome under Gothic, Byzantine, Carolingian rule; the medieval city around the first Jubilee in 1300; Renaissance Rome, and the fascist rebuilding of the city.
HLTH	4665	Administrative Applications in Health Care Organizations	3	3	0	Focuses upon the application of administrative skills and concepts in health care services and programs. Provides the students with as much independence as possible in terms of going beyond the classroom environment to investigate, address, and solve "real" organizational problems and issues. Provides the student with an opportunity to demonstrate competency by applying the concepts, theories, and knowledge gained from the health services administration program.

**Semester General Education Courses**

<b>Subject</b>	<b>Catalog Number</b>	<b>Title</b>	<b>General Education Code</b>	<b>Credit Hours</b>	<b>Maximum Repeat Hours</b>	<b>Course Description</b>
HLTH	4800	Applied Service Learning in Rural Community Health	3	3	0	Exposes students to rural community health issues. Students will be involved in planning, implementing, and evaluating health programs in the Athens community. The focus will be on working with rural, Appalachian populations.
ISE	4191	Senior Capstone Design II	3	3	0	The students will, under the co-direction of an industry mentor and a faculty member, be able to work as a member of a team and integrate and synthesize industrial engineering tools and skills to solve a problem. The second phase is to continue the methodology and conclude the analysis, oral and written report of the project that was begun in ISE 4190.
ITS	4440	Lifecycle Management of Information and Telecommunication Systems	3	3	0	Info and telecom lifecycle management -- defining, implementing, and operating/maintaining complex systems; perform needs analysis; generating alternatives and performing tradeoff analyses; specifying equipment; planning schedules and budgets; applying cost analysis techniques; developing and responding to RFPs/RFQs. Extensive paper required.
JOUR	4130	Gender, Race, and Class in Journalism and Mass Media	3	3	0	Explores the situation of women and minorities in newspapers, broadcast, online journalism, magazine journalism, PR, and advertising. It looks at issues of diversity on the level of both the production and the consumption of journalistic content, as well as the content itself.
JOUR	4230	International and Cross-Cultural Advertising	3	3	0	International and cross-cultural advertising concepts, strategies, and executions. Sociocultural, political-legal, economic, and technological issues surrounding advertising practice in today's global and multicultural environment.
JOUR	4660	International Mass Media	3	3	0	Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news throughout the world.
JOUR	4870	News and Information Capstone	3	3	0	This capstone, for the News and Information track, will be multimedia project-based that will synthesize information gathering, critical thinking, writing and production, and research and theory skills gained throughout the curriculum.
ME	4702	Mechanical Engineering Capstone Design II	3	4	0	This course is a continuation of ME 4701 and must be taken in the quarter following the successful completion of ME 4701. This course completes the two course sequence that provides a comprehensive, capstone, senior design experience for mechanical engineering majors. Course includes studies in the analytical techniques of design, as well as the design, construction, and evaluation of the performance of an actual engineering system.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
MGT	4590	Strategic Business Leadership	3	3	0	Examination of the leadership theories in the context of the strategic business challenges of increased global competition, advances in technology, and the importance of intellectual capital. The focus is on the executive ability to make strategic choices that generate superior performance within and by organizations.
MIS	4800	MIS Capstone	3	3	0	This capstone seminar is designed to accomplish three primary goals: 1) build deep business information system analysis and design skills in the context of 'The Big Three' (Enterprise Systems, Business Intelligence Systems and Collaboration Systems), 2) expand Information Systems knowledge base and understanding through intensive discussion and activities, 3) increase career readiness and networking skills.
MKT	4630	Marketing Strategy	3	3	0	Capstone course focuses on the integration of marketing knowledge accumulated as a marketing major. Includes situation analysis and development of strategic marketing plans. Consideration is given to the complex dynamic environment in which all marketing activities take place.
MUS	4940	Junior Recital	3	2	0	Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.
MUS	4941	Senior Recital	3	2	0	Public performance of repertoire representative of a variety of historical and stylistic periods. Tier III equivalent course, but both MUS 4940 and MUS 4941 must be taken to receive Tier III equivalent credit.
MUS	4950	Senior Thesis I	3	1	0	Independent research in music theory or music history, or major creative work in music composition, working toward a senior-level thesis or composition final project.
MUS	4951	Senior Thesis II	3	2	0	Independent research in music theory or music history, or major creative work in music composition, completing a senior thesis. Continuation of MUS 4950.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
NRSE	4600	Nursing Excellence	3	3	0	A synthesis course designed to enhance knowledge of the relationship between health care policy and professional nursing. Explores the broader context of health care including how patient care services are organized and financed, and how reimbursement is structured. Regulatory agencies define boundaries of nursing practice and students need to understand the scope and role of these agencies. Discusses how health care issues are identified, how health care policy is both developed and changed, and how that process can be influenced through the efforts of nurses, other health care professionals, and lay and special advocacy groups. Addresses issues related to vulnerable populations, delivery and financing of health care, the impact of technology, and client advocacy.
NUTR	4200	Experimental Foods	3	4	0	Factors which affect results of different methods used in food preparation. Research techniques using subjective and objective evaluation of products.
NUTR	4300	Beyond Antioxidants: Whole Foods for Wellness Promotion	3	3	0	This course will explore the impact of food and food components on wellness of individuals.
NUTR	4310	Thomas Jefferson: Gardener and Gastronomer	3	3	0	An exploration of the two loves of Thomas Jefferson, gardening and fine food, from a multidisciplinary perspective.
PBIO	4420	Experimental Anatomy of Plant Development	3	4	0	The concepts of plant development have been integrated with the descriptive assessment of cell, tissue, and organ types that are the mainstay of plant anatomy to provide an exciting opportunity for all plant biologists. The course is grounded in experimentation and includes cutting edge methodologies.
PBIO	4945H	Thesis	3	2 to 4	4	Preparation of an honors thesis based on original research.
PHIL	4901	Senior Seminar	3	3	0	Survey of selected subfields of philosophy. Required of all majors in philosophy during the senior year.
PHYS	4051	Modern Physics	3	3	0	Designed to review and summarize the theoretical ideas of modern physics, and to examine applications to atomic spectra, nuclear and particle physics, quantum fluids and solid state physics. This is expected to be a capstone course in modern physics, so students are expected to have a solid grounding in quantum mechanics and contemporary physics.

### Semester General Education Courses

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PSY	4210	Clinical Neuropsychology	3	3	0	This course uses case studies of patients with neurological and neuropsychiatric disorders as starting points for exploring clinical, ethical therapeutic, and societal issues related to neuropsychological dysfunction. The course builds upon fundamental knowledge of clinical psychology, cognitive/social psychology, and physiological psychology/neuroanatomy. Students will achieve a deeper understanding of the human condition through study of the psychological and ethical implications of applied human brain research.
PSY	4810	Evolutionary Psychology	3	3	0	Capstone course providing an evolutionary perspective on the major subfields of psychology. Topics include the theory and methods of evolutionary psychology, evolved structures of the mind, and evolutionary perspectives on cognition, language, consciousness, emotions, motivation, and social behavior.
REC	4600	Concepts and Issues in Recreation Management	3	3	0	Study of selected leisure theory and current issues and trends with a strong emphasis on ethics as they pertain to future practices as a professional in the field of recreation management.
REC	4850	Concepts & Issues in Adventure Programming	3	3	0	Students critically analyze selected assumptions, theories and concepts surrounding the practice of adventure programming. This analysis will help students to develop an understanding of the historical context in which adventure programming developed, and it will provide a basis from which to critically consider issues effecting the direction of the field today. It will also provide students with a basis for making qualified decisions as practitioners in the field of adventure programming.
RFPD	4800	Strategic Retail Policy	3	3	0	Capstone course serves as an intensive personal and professional assessment tool for prospective leaders in the retail merchandising and fashion product development industry. Students apply knowledge forged during internship experiences in policy analysis, with perspective of ethical decision making emphasized.
SASM	4500	Senior Seminar in Sport Management	3	3	0	Will allow the student to apply the principles and concepts of sport management and develop and demonstrate critical planning and organizational skills required of sport managers.
SOC	4950	Sociology Capstone	3	3	0	Capstone course in sociology.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
SW	4802	Social Work Practice II	3	3	0	This is the second and final course in the undergraduate social work practice sequence. Develops the generalist intervention model and applies the model to working with families, groups, and communities, illustrating social work practitioners' roles of counselor, educator, broker, case manager, advocate, and introduces roles of mobilizer and evaluator. Content related to the promotion of social and economic justice with oppressed and disadvantaged populations is introduced, with special attention to social injustice among racial and ethnic minorities, the economically disenfranchised, Appalachians and GLBT people. Focuses on the analytical and interactional skills associated with the problem solving model, by continuing the research project begun in SW 4960, now consisting of data collection, data analysis, and reporting writing assignments. Attention is also given to selected skills associated with the roles of broker, teacher, and advocate in effecting macro-level change. Builds on the community analysis experience from the first semester by writing an individual grant proposal that addresses specific identified community problems. Grant proposals, as an aspect of advocacy and brokerage, are identified as a means of partially rectifying economic and social injustice. Ethical dilemmas in practice and issues of diversity will be
T3	4020	Sustainable Agriculture	3	3	0	Investigation of global and local agriculture as a synthesis of human activities. Agriculture will be considered to include the production from plants of food, fiber, fuel, building materials, and medicines. Explores sustainable uses of plants and animals in a broader sense, including forests, fisheries and species diversity. Students will gain experience with agriculture in part by growing an organic garden and harvesting crops.
T3	4040	Reconstructing Roman Slavery	3	3	0	What was it like to be a slave in the Roman world? No first hand account describing slavery which was written by a slave has survived. To understand what a slave's life was like we are forced to reconstruct slavery from the materials that do survive. These include: descriptions of slavery and slaves by the slave owners; literature which features characters who are slaves; archaeological remains which illustrate the conditions of slavery. An important concern will be the special demands made in the reading and interpretation of texts that are over two-thousand years old. Finally, the experience of African-American slaves in the 18th and 19th centuries, a period more richly documented than the Roman, helps us to imagine much more about the Roman institution than what we could infer from the ancient sources alone.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4070	Sin and Sex in Western Legal History	3	3	0	Examines the intersections of religion, philosophy, law, art and literature in the creation of western legal practices seeking to govern sexual behavior and sexual identity, from the ancient world to the renaissance. Primary questions include how did notions of "sin" become attached to sex, whether and how these ideas permeated modern legal systems, and how subsequent values have impacted gender systems.
T3	4090	Geologic Resources	3	3	0	Examination of metals, industrial minerals, gems, and energy resources and their role in shaping the history of civilization, its current issues, and its future challenges.
T3	4091	An Island as an Environment	3	4	0	Examines environmental issues in a tropical island ecosystem. The Bahamas provide a model for understanding the issues and processes impacting sustainability for the island's natural environments and biological diversity, the local people's livelihood and way of life, and the economic stability of the country. A wealth of diverse experiences provides students with firsthand knowledge of life at the land-sea interface. Weather conditions permitting, approximately 2/3 of the course will involve firsthand exposure to marine environments and 1/3, terrestrial environments.
T3	4100	The Intellectual Origins of the American Revolution	3	3	0	This interdisciplinary course examines the intellectual origins of the American Revolution. In particular, it will explore the ways in which English and North American authors thought about sovereignty, religion and empire from 1550s until the 1770s and the ways in which thinking on those subjects laid the intellectual groundwork for the American Revolution. Among the authors considered are John Milton, Thomas Hobbes, and John Locke.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4104	God and Science in the Western World	3	3	0	This interdisciplinary course examines the relationship between religion and science in the Western world, with a particular focus on the era from sixteenth until the late nineteenth century. It is a subject which has vexed historians for nearly a century and a half. Historians originally conceived of religion and science as inherently antagonistic forces which were necessarily at war with one another. The so-called "warfare school" argued that the history of modern science was the history of the science's gradual, indeed, inevitable victory over religion. Others, however, have countered that religion and science were often allies. Still others have contended that the relationship between religion and science cannot adequately be described in terms either of conflict or harmony. Their relations were, instead, complex and can only be appreciated properly when considered in their particular, contingent historical contexts. Students will be forced to grapple with these conceptual models as we cover the broad sweep of religio-scientific development in the Western world, with particular emphasis on the period from 1500 until 1900. We shall also zero in on particular topics Galileo's trial, Newton's alchemical experimentation, Hume's attack on the miraculous, Darwin's theory of evolution, and the Wilberforce-Huxley debates, for instance, which illuminate the distinctive
T3	4105	Folklore of Espionage	3	3	0	This senior-level capstone course is designed to allow students to bring together the skills they have acquired in college and use them to study a specific, yet interdisciplinary subject. The folklore of espionage intersects the study of history, political science and espionage studies, folk memories and lore, and film and literature criticism. Examines the subject in a roughly chronological format, using films, television shows and novels to illustrate each development of spy folklore, especially as it interacts with espionage history.
T3	4120	Cross-Cultural Studies in Modern Languages	3	3	0	Wide-ranging analysis, through literary and other artistic works of social, political, economic, linguistic, aesthetic, ethical, religious issues for differing cultural perspectives, one of which will be the student's native culture. Graded activities: oral (daily participation; reports) and written (essays; term project; take-home final exam). Taught in English.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4130	Philosophy of History	3	3	0	History is the study of the past and the past itself. It also is how we remember and tell about the past. Will explore different approaches to history. Narrative, or story-telling, remains the oldest and still most common way of describing the past. But alternatives are to be found, not only among professional historians, but artists and filmmakers. Understanding the relationship of humans to their past has occupied some of the greatest of philosophers, who then have influenced historians. Selected readings, films, and occasional lectures will accompany class discussion. Students will draw on this material to complete a final project, usually a long essay, on the philosophy of history.
T3	4140	Slavery: 1400 to the present	3	3	0	Employs an interdisciplinary approach that combines historical, anthropological, sociological and literary studies to discuss the institution, practice and experience of slavery in different regions of the world during the early modern and modern periods.
T3	4150	Michelangelo	3	3	0	Using the life and times of this famous artist to understand the culture and civilization of Italy in the Renaissance.
T3	4150	Music Instruments and Physics	3	3	0	Review the basic physical principles of sound production, musical sounds and hearing. The more common musical wind instruments will be examined using the physical principles developed in the first part of the course. Modern instrument size, shape and construction materials are explored. In the second half of the course, students will build simple musical instruments based on calculations made in class. They will learn to play their instruments and evaluate their musical qualities.
T3	4151	Entropy and Human Activity	3	3	0	Examines the application of the concept of entropy to human society as a whole, through the critical reading and discussion of works by advocates of multiple energy sources, using the viewpoints and patterns of inquiry of several disciplines. Energy is conserved, but most physical processes transform available energy into forms less readily available (thereby "increasing entropy"). Several topics in the physical sciences are presented in some detail to provide adequate technical background. World population and per capita consumption are increasing exponentially. Burning fossil fuels creates toxic byproducts and accelerates global warming. Extractive industries (e.g., agriculture and mining) reduce the natural resources available to future generations. Can we expect solar or nuclear power to "save the day?" Should humanity change priorities to minimize increases of entropy? To what extent can physical principles sensibly be generalized so far? These and other questions provide a focus to our inquiry.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4160	Gender in the Renaissance	3	3	0	Explores sex difference and gendered notions of masculinity and femininity in the Renaissance, 1350-1600. It will explore various social, political, economic, medical and religious conceptions of sex difference alongside culturally-constructed gendered norms represented in literature, the visual arts, legal codes, normative literature, medical treatises, personal diaries and more. Students will assess to what extent sex and/or gender determined one's opportunities during this era.
T3	4180	Disease, Medicine and Society in Europe to 1800	3	3	0	Interdisciplinary approach to the history of disease and socio-cultural responses to it. Explores the medical history of diseases such as the Black Death, leprosy, syphilis, madness and cholera, from the ancient world to 1800 and the social, political, economic and religious contexts in which such diseases were defined and experienced. Particular focus on individual and institutional response to perceived "public health" threats in premodern world.
T3	4360	Mass Political Communication	3	3	0	Brings into focus the relationship between politics and the media in the United States and examines the implications of this for the media, the politicians, and the public.
T3	4361	Gender Roles and Global Media	3	3	0	Draws on mass media studies, international studies, and women's studies to gain insight into gender roles portrayed in other nations' mass media.
T3	4362	Examining Internet Myths	3	3	0	Examines the phenomenon of myth-making on the Internet and how the viral nature of the medium allows information to spread and gain credibility with very little substance or sourcing. A look at how the "urban legend" goes digital.
T3	4380	Women in the Information Age	3	3	0	Examines the effects of the "information age" on women's lives. Telephones, computers, and the Internet have revolutionized the way people work and live. These technologies have affected men and women differently, however. Discusses the information age and its impact on domestic and work life. It pays special attention to the relationship between women and two of the main information technologies: the telephone and the computer. The objective is to explore the ways in which these technologies have been "gendered". Also examines the role of women in relation to the telegraph, the typewriter, video games, the Internet, and other communication and information technologies.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4600	Visual Culture Studies	3	3	0	Presents thematic overview of issues and approaches to visual culture. Concerned with objects and spaces that are designed and/or manufactured. Covers topics found normally in such disciplines as art, architecture and urban planning, anthropology, communications, environmental studies, women's studies, museum studies, sociology, criminology, physical education, fashion design, interior design, graphic design and advertising, and photography, to name a few. Interdisciplinary in the way topics are covered in that these will be studied using a variety of methods borrowed from a number of disciplines.
T3	4601	Cultural Tradition and the Arts: Greek to Medieval	3	3	0	Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).
T3	4602	Cultural Tradition and the Arts: Renaissance to Baroque	3	3	0	Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).
T3	4603	Cultural Tradition and the Arts: 19th and 20th Centuries	3	3	0	Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).
T3	4604	Art and Morality	3	3	0	The relation between artworks and moral values, examined through diverging theories and philosophical perspectives. The work of specific artists from various historical periods, with emphasis on recent and contemporary debates among artists and philosophers. The theme is whether aesthetic and ethical values are mutually reconcilable.
T3	4630	Women Speaking: Then and Now	3	3	0	Offers a comprehensive study and research of famous women (and men) throughout history, as well as the study of gender differences. Written speeches will be developed and practiced based on the chosen orators. Voice and speech skills will be taught for an effective communication and final speech performance.
T3	4631	Play and Place	3	3	0	Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.

### Semester General Education Courses

Subject	Catalog Number	Title	General Education Code	Credit Hours	Maximum Repeat Hours	Course Description
T3	4720	Clothing and culture	3	3	0	Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources and activities relating to cultural/subcultural patterns.
T3	4722	Food and Culture of the Mediterranean	3	3	0	Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.
T3	4725	Women and Leadership: Roles and Responsibilities	3	3	0	Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills are integrated.
T3	4730	Childhood in America and its Historical and Sociocultural Impact on the Society in Which We Live	3	3	0	Students synthesize not only many different disciplines and media, but also past and present to synthesize an understanding of historical views of children, our views of children at the beginning of the 21st century and trends for the American idea of children in the next few decades and what will precipitate those changes.
T3	4820	Art and History: 1950s and 1960s	3	3	0	An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.
T3	4950	Biology and Geography of Regional Food Plants	3	3	0	The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).
VICO	4112	Illustration Capstone: Advanced Informational Graphics	3	3	0	Capstone application of informational graphics techniques with emphasis on design and production techniques as they pertain to print and electronic formats. Cooperative buying fee.

### Semester General Education Courses

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VICO	4188	Interactive Capstone: Advanced Interactive Media	3	3	0	Advanced interactive media planning, production, user-interface, and information architecture. Students will apply advanced design, content management, and delivery across emerging platforms.
VICO	4229	Advanced Photographic Illustration: Applications	3	3	0	A synthesis of business and photographic skills. Students will be given simulations based on a complete project concept that reflects the realities of working professionally. Students are required to have an approved professional camera and appropriate lenses, flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.
VICO	4386	Photojournalism Capstone	3	3	0	Advanced visual production work in journalistic photographic reportage, with particular emphasis on the picture story and photographic essay. Participants are expected to synthesize learning from a wide variety of courses including design, writing, audio, and both still and motion imagery to produce complete communication packages for both print and electronic delivery. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines. Cooperative buying fee.
WGS	4800	Capstone in Women's and Gender Studies	3	3	0	Guides students in identifying and researching a topic and producing a scholarly paper of 20 or more pages. Ideally the topic will build on previous work and thus involve significant revision in order to further refine the scope of research. The development of research skills is emphasized.