

GEN ED Course Descriptions - - (April 25, 2013)

- *The General Education program was implemented in the Fall of 2009. This list of course descriptions includes course additions and changes approved by the AP&P Committee through 3/20/13 and approvals by the General Education Council (GEC) from 12/4/08 through 2/15/13.*
- *NOTE: Courses approved for Gen Ed credit on a semester-by-semester basis (for example: specific HON and WGC courses, and Selected Topics 3530-3549 courses) are NOT included in this list. Please refer to the Gen Ed web site for those Gen Ed credits.*

(GEC 1/30/09, F09; new course at AP&P 12/03/08, F09; revised per email 3/12/13)

AMU 4901-4925. Senior Recital (2-4).F;S.

GEN ED: Capstone Experience

A public recital serving as the culminating experience of applied music study in the principal performing medium. Six practice hours per week for each semester hour credit. Additional fee (Summer Term).

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

ANT 1415. Understanding Culture (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Cultural Diversity"); Local to Global Perspective (Theme: "Empire, Colonialism, and Globalization")

This course explores the diversity and unity of human experience through the lens of cultural anthropology. Using case studies and other texts, students will gain familiarity with different cultural worlds. As they do so, they will be asked to think critically about their own cultural ideas and actions, to reflect on problems facing humanity in the contemporary world, and to understand the various ways in which they are historically and socially connected to other people in other places. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

ANT 1420. Archaeology and the Human Past (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Ancient Worlds")

An introduction to the human past through the scientific process of archaeology. Controversial issues discussed may include human evolution, the fate of the Neandertals, peopling of the Americas, and the cycling of state-level societies. Ultimately, lessons from the past are considered in light of contemporary human issues. (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

ANT 1430. Our Primate Heritage (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: "Life, Earth, and Evolution")

This course examines humans within an evolutionary and biocultural perspective. Students will be introduced to classic and contemporary literature on topics in human evolution and will have the opportunity to make their own observations and analyses within the laboratory. We will explore theoretical frameworks and controversies about important issues such as the nature of science, human variation, and the relationship between humans and our environment. Students will become familiar with evolutionary theory and heredity, primate evolution and basic comparative anatomy, and the fossil record of human evolution. Lecture three hours, laboratory two hours.

(GEC 12/2008, F09; and new course at AP&P 12/03/08, F09)

ANT 2300. Meso American Cultures (3).S.

GEN ED: Aesthetic Perspective (Theme: "Expressions of Belief")

Introduction to the cultures and peoples of Mexico, Belize, Guatemala, and Honduras. Readings and lectures will focus on language, art, and political economy as vehicles for the expression of beliefs.

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

ANT 2420. Gender, Race and Class (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Individual and Society")

An anthropological study of gender, social class, ethnicity, race and sexuality as cultural categories with a variety of meanings. Systems of inequality and the ways in which these categories are used to limit access to economic wealth, power, and prestige are analyzed in a global context. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and revised at AP&P 12/03/08, F09)

ANT 2430. Magic, Witchcraft and Religion (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Religion, Myth, and Society")

A cross-cultural study of the nature and functions of belief systems. Emphasis is placed on understanding the belief systems of non-Western cultures in order to provide a means through which our own beliefs can be better understood. A variety of anthropological and psychological approaches to the study of belief systems are utilized. (MULTI-CULTURAL)

(GEC 1/30/09, F09)

ANT 3220. Human Biological Variation (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course provides a survey of theoretical frameworks in biological anthropology, beginning with an examination of the history and development of evolutionary theory, the modern synthesis, and the "New Physical Anthropology." Feminist critiques, objections to the adaptationist program, and the development of biocultural approaches to human biology will be examined and applied to the study of patterns and processes in human evolution. Issues to be addressed in this course include the evolution of primate life histories, the origin of modern human biological variation, human reproduction, and evolutionary medicine. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 12/03/08, F09)

ANT 3600. Archeological Theory (3).F.

GEN ED: Junior Writing in the Discipline (WID)

Explores the history of archeological thought since the eighteenth century (including evolution, cultural history, and processualism) and concludes with contemporary theory (postprocessualism and feminism). Participation in internet archeological activities will supplement coursework and readings. Prerequisites: ANT 2221; and ANT 2320 or ANT 2235 or ANT 2335; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 12/03/08, F09)

ANT 3625. History of Anthropological Ideas (3).F.

GEN ED: Junior Writing in the Discipline (WID)

A critical examination of the most influential ideas and theories in anthropology from the 19th century to contemporary theoretical schools, viewed in historical context. Changing conceptions of research strategies, research questions, and modes of explanation, as they relate to developing ideas about the nature of anthropology and human culture, are explored. Prerequisite: ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL)

(GEC 1/30/09, F09; and new course at AP&P 12/03/08, F09)

ANT 3670. Economic Anthropology (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course examines the material dimensions of social life from several theoretical perspectives: formalist, substantivist, Marxist, and contemporary forms of political economic analysis. It also surveys past and current forms of production, distribution and consumption, including ongoing efforts to establish economic alternatives to global capitalist development. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 12/03/08, F09)

ANT 4550. Senior Seminar in Anthropology (3).F;S.

GEN ED: Capstone Experience

An opportunity for upper level students to reflect upon the anthropological perspective and to contemplate and articulate their own image of anthropology. Diverse issues ranging from the consideration of ethics to the examination of career opportunities to reflections upon the overall meaning of anthropology will be discussed. Designed as a final on-campus opportunity for students to systematically reflect upon their vision of the anthropological enterprise and to integrate their experience in anthropology in relationship to their future goals. Ideally should be taken during the final semester of on-campus study. Required for majors. Prerequisite: ANT 3220, ANT 3600, ANT 3625, or ANT 4570, or approval of the instructor. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

ANT 4570. Sustainable Development in the Modern World System (3).F;S.

GEN ED: Capstone Experience

This course examines the political economy and cultural ecology of global economic development. It assesses the differing social and material impacts for the peoples of core and peripheral world regions. Students design or assess a sustainable development program in a selected local-regional setting. Required for the sustainable development minor. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY)

(GEC 1/21/11, F11; and new course at AP&P 1/19/11, F11)

ARB 1050. Intermediate Arabic II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of ARB 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: ARB 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09 for FAD, LGP-T; and GEC 4/16/10, S11 for HSP-T)

ART 2011. Introduction to Visual Arts (3).F;S.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Identity, Culture, and Media"); Historical and Social Perspective (Theme: "Cultural Diversity")

This course covers selected historical and contemporary issues, the formal structure and critical analysis of the visual arts and an examination of art's relationship to ideas, beliefs and culture. Students will develop a critical understanding of art as a manifestation of broader social, historical, and contemporary issues in a global context. Lecture three hours. (CORE: HUMANITIES)

(GEC 11/19/10, F11; and new course at AP&P 1/19/11, F11)

ART 2019. Art for Social Change (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Social Change Through the Arts")

This course combines an introductory studio course with an examination of the way in which art can contribute to social change. Studio assignments will involve students in the investigation, understanding and application of artistic methods and the principles of design while thematically exploring contemporary social issues. Lectures, class discussions and project critiques are geared to develop students' awareness of how art can address social issues. Studio six hours.

(GEC 12/2008, F09; and new course at AP&P 2/04/09, F09)

ART 2022. Cultivating Creative Expression Through Visual Art (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Cultivating Creative Expression")

Students will create works of visual art in various media, reflecting on the creative process, the influence of culture, and the dynamic and reciprocal interactions among the artist, instructor, and student. Lecture and studio four hours.

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

ART 2030. Art from Prehistory to 1400 (3).F;S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Themes: “Ancient Worlds” and “Religion, Myth, and Society”)

A global survey of art history focusing on the early visual artistic traditions of Europe, Asia, Africa and the Americas from the dawn of art to 1400. The course examines visual art and art making in religious, social, cultural, and political contexts. Lecture three hours. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

ART 2130. Art from 1400 to the Present (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: “Traditions and Innovations”); Local to Global Perspective (Theme: “Empire, Colonialism, and Globalization”)

A global survey of art history from 1400 to the present examining the later artistic traditions of Europe, Asia, Africa, Oceania and the Americas. The course focuses on visual art and art making in light of changing social, political, religious, and cultural circumstances. Lecture three hours. (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 1/30/09, F09; and revised at AP&P 11/03/10, F11)

ART 2420. The Child as Cultural Construct (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Students will study the cultural, empirical, and personal image of the child and how these collective beliefs influence the practice of art education. Specific topics include: recognizing the child as cultural construct, the teacher and child as co-constructors of knowledge, the value of a child’s aesthetic, and authentic assessment. The class will be a combination of written responses, class discussions, research observations, technological applications and a community collaborative art experience as it relates to contemporary visual culture, the image of the child and to the child’s art making. Theories of art education that illuminate the vital importance of personal experience, public memory, intertextuality, and cultural narrative will be examined. Various models for assessing student performance will be studied with special attention given to creating assessment tools that deconstruct the practice of knower and non-knower and construct practical instruments. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

ART 3400. Women Artists (3). On Demand.

GEN ED: Junior Writing in the Discipline (WID)

This course will provide a historical and contemporary survey of women visual artists. Lecture three hours. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

ART 3600. History of Modern Art (3).F. Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

A survey of leading movements in modern art from the 1870’s to 1945. Lecture three hours. Prerequisites: ART 2130 or consent of the instructor and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

ART 3630. African Art (3).S. Odd-numbered years.

GEN ED: Junior Writing in the Discipline (WID)

This course explores major themes in the study of the visual arts in Africa. Works of art from the ancient rock paintings of the Sahara, through the ancient artistic traditions of Ife and Benin, to the arts of the colonial and post colonial periods are presented. Diverse forms of art works are studied in their social, religious, and political contexts. Prerequisites: sophomore standing or consent of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING; MULTI-CULTURAL)

(GEC 1/20/12, F12)

ART 3650. Art of Late Antiquity (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

A course in the Late Antique art, covering early Christian, Byzantine and early Islamic art. Focus on the social context of ancient art production and reception. Prerequisites: ART 2030 or consent of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 1/30/09, F09)

ART 3700. Oceanic Art (3).F. Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

This course examines the visual arts of the Pacific Islands, Australia, New Zealand, and New Guinea, including tattooing and other body adornment practices, architecture, sculpture, and textiles. The course explores the ways oceanic arts since the 18th century embody resistance and survival through the continuity of traditional art forms as well as work in more contemporary media and styles. Lecture three hours. Prerequisites: sophomore standing or consent of the instructor and ENG 2001 or its equivalent. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

ART 3705. Contemporary Art of Africa (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

This course examines themes in the study of the recent visual arts of Africa and the Caribbean during the colonial and post-colonial period. This course explores the ways that artistic production reflects its local background and circumstances as it enters into a dialog with a global art scene. The course will examine art as a sensitive barometer of social, cultural, religious, and political changes in modern Africa and the Caribbean. Prerequisite: ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

ART 3710. Ancient Egyptian Art (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

A course in the history of Egyptian art, from archaic through early Christian periods. Focus is on the social context of ancient art production and reception. The course includes critical reading, writing, and discussion. Prerequisites: ART 2030 or permission of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 1/30/09, F09) (Revised at AP&P 1/18/12, F12)

ART 3730. Native Arts of the Americas (3). On Demand.

GEN ED: Junior Writing in the Discipline (WID)

This course explores the native arts and architecture of North America, Central America and South America. Diverse forms of artworks are studied in their social, religious, and political contexts. The focus of the course may be in any of the three major cultural regions, from prehistory to the present. Prerequisites: sophomore standing or permission of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING; MULTICULTURAL)

(GEC 1/20/12, F12)

ART 3750. History of Roman Art (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

A course in the history of Roman art, from archaic through early Christian periods. Focus on the social context of ancient art production and reception. Prerequisites: ART 2030 or consent of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 1/30/09, F09)

ART 3800. Art Since 1945 (3).S. Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

A survey of leading movements in contemporary art from 1945 to the present. Lecture three hours. Prerequisites: ART 2130 or consent of the instructor and ENG 2001 or its equivalent. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

ART 3810. Photography and Culture (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

This course invites students to develop a critical understanding of the relationship between photography and culture. Readings, lectures, presentations and discussions on historical and contemporary photographers will be incorporated into the coursework. Prerequisites: ART 2130 or permission of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

ART 3820. History of Museums and Collecting (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

A seminar in the history of museums and collecting, focusing on the 19th century through today. Major emphasis is placed on critical reading, writing, and discussion. Prerequisites: ART 2130 or permission of the instructor and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 2/20/09, F09; and revised at AP&P 1/19/11, F11)

ART 4030. Seminar in Art Criticism and Theory (3).F;S.

GEN ED: Capstone Experience

A seminar in the theory and criticism of art in which leading methods of analysis are examined through readings and discussion. Major emphasis is placed upon the student developing a critical sense of art. Prerequisites: ART 2030 and ART 2130, or consent of the instructor. Lecture three hours. (WRITING; SPEAKING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

ART 4040. Seminar in Art History (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This advanced seminar in art history will focus on in-depth inquiry into a particular period, theme, place or genre in art history. Content will vary from semester to semester. May be repeated barring duplication of content for a total credit of 12 semester hours. Prerequisites: ART 2030, ART 2130 and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 1/18/12, F12)

ART 4202. Graphic Design Senior Studio (3).F;S.

GEN ED: Capstone Experience

The culminating course in the graphic design program, this course addresses self-reliance and the application of research and creative inquiry to the realization of projects proposed in ART 4192 (Graphic Design Senior Seminar). Students will produce a portfolio of work that demonstrates analytical, conceptual, visual and technical maturity. Passing a portfolio review is a requirement of this course. Prerequisites: ART 3050, ART 3202, ART 4102, and ART 4192. Studio six hours. (SPEAKING)

(GEC 1/30/09, F09; and new course at AP&P 2/04/09, F09)

ART 4852. Senior Studio (3).F;S.

GEN ED: Capstone Experience

Senior Studio is the capstone studio experience for BFA Studio Art majors. This course carries on and brings to resolution the conceptual, technical and studio practices begun in Senior Seminar. Students will demonstrate an emerging intellectual, visual and technical maturity by producing a body of work for

exhibition. Students will also write process statements and deliver a series of oral presentations critically analyzing their works in progress. This course addresses issues relevant to becoming a professional artist. A committee of three faculty members will evaluate each student's work. Prerequisite: ART 4351. Studio six hours.

(GEC 1/30/09, F09; and revised at AP&P 1/14/09, F09)

ART 4900. Internship: Field Experience (10-12).SS.

GEN ED: Capstone Experience

An on-the-job experience with artists, museums, galleries, and business related to the promotion of art professions. Graded on an S/U basis.

(GEC 12/2008, F09 and GEC 12/7/12, F13)

AS 2016/MUS 2016. Appalachian Music (3).F;S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

A survey of Appalachian music including both instrumental and vocal styles, older traditions and newer regional forms. Students will have opportunities to develop musical skills through hands-on class projects and activities. Lecture three hours. (Same as MUS 2016.) (CORE: HUMANITIES)

(AP&P 1/16/13, F13 and GEC 12/7/12, F13)

AS 2200. Appalachian Stories (3).F.

GEN ED: Literary Studies Designation; Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

Introduction to the literature of Appalachia with an emphasis on the multiplicity of narrative forms in the region. This course examines both historical and contemporary Appalachian literary expression as well as local, regional, national, and international perspectives on the literature of the region. Students read and study oral narratives, exploration narratives, travel writing, memoir, autobiography, song lyrics, and nature writing, in addition to fiction, poetry, and drama. The course also explores how literary production comments on and participates in the construction of Appalachia.

(GEC 3/20/09, S10; new course at AP&P 1/14/09, F09 and GEC 12/7/12, F13)

AS 2301/GLY 2301. The History of Coal from the Pennsylvanian to the Present (3).S.

GEN ED: Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

Coal has played a critical role in the history of the southern Appalachians. The geologic processes that formed coal and shaped the landscape into the steep ridges and hollows of the Appalachian coalfields have directly affected the human history of the region – from hunting in pre-colonial times, to settlement and subsistence farming in the 1800s, to mining and unionization in the 1900s, to mountaintop removal and natural gas/coalbed methane extraction in the last decade. This course covers the physical and chemical processes that form coal as well as the tectonic and geomorphologic processes that formed the landscape of the coalfields and shaped the agricultural practices of the early settlers. It examines the cultural history of coal mining and life in the company-owned coal camps and the political history of unionization through literature and film. The economics and environmental consequences of coal-fired power plants are discussed, and the environmental and occupational hazards associated with both underground and surface coal mining are analyzed from both a scientific and a sociological perspective. (Same as GLY 2301.)

(GEC 12/2008, F09 and GEC 12/7/12, F13 and revised at AP&P 1/16/13, F13)

AS 2411. Appalachia: An Introduction (Social Sciences) (3).On Demand.

GEN ED: Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

This course explores the Appalachian region from a cross-disciplinary perspective, with readings on Appalachia drawn primarily from the social sciences. Both historical and contemporary issues are examined, focusing upon national and international as well as local and regional contexts. This course provides an introduction to the Bachelor of Arts degree in Appalachian Studies and to the undergraduate minor in Appalachian Studies. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: SOCIAL SCIENCES)

(GEC 1/30/09, F09)

AS 3000. Diversity in Appalachia (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

Diversity in Appalachia considers gender and/or ethnic diversity in the Appalachian region from interdisciplinary perspectives, and may focus on women, gender, ethnic diversity, or one or more ethnic communities. Content may vary. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

AS 4550. Senior Seminar (3).F.

GEN ED: Capstone Experience

This final capstone seminar provides students the opportunity for a synthesis of theoretical perspectives on the region as they influence interpretations of historical and contemporary issues shaping the region; for understanding local to global connections; for considering the confluence of ecological, economic and social uses which intersect in this region; and for debating the obligations of community membership. Students will prepare a portfolio in preparation for careers and post-graduate opportunities. (WRITING; SPEAKING; CROSS-DISCIPLINARY)

(GEC 12/2008, F09)

AST 1001. Introductory Astronomy I – The Solar System (4).F.

GEN ED: Science Inquiry Perspective (Theme: “Voyages Through the Cosmos”)

Topics to be covered include constellations, telescopes, the sun and moon, planets, asteroids, comets, the origin of the solar system and the search for extra-terrestrial life. The laboratory includes visual observations and electronic imaging of astronomical objects as well as a field trip to Appalachian’s Dark Sky Observatory. Lecture three hours, laboratory two hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

AST 1002. Introductory Astronomy II – Stars and Galaxies (4).S.

GEN ED: Science Inquiry Perspective (Theme: “Voyages Through the Cosmos”)

A study of astronomical objects located beyond our solar system. Topics to be covered include the structure and evolution of the stars, pulsars, black holes, gaseous nebulae, star clusters, galaxies, quasars and the structure of evolution of the Universe. Night observations of these types of objects will be made. Lecture three hours, laboratory two hours. Prerequisite: AST 1001. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

AST 1011. Introductory Astronomy I – The Solar System Lab (1).F.

GEN ED: Science Inquiry Perspective (Theme: “Voyages Through the Cosmos”)

Includes visual observations and electronic imaging of astronomical objects as well as a field trip to Appalachian’s Dark Sky Observatory. Laboratory two hours. Prerequisite: 3 credit hours of AST 1001 transferred from another institution.

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

AST 1012. Introductory Astronomy II – Stars and Galaxies Lab (1).S.

GEN ED: Science Inquiry Perspective (Theme: “Voyages Through the Cosmos”)

Night observations of stars, gaseous nebulae, star clusters, and galaxies will be made as part of a study of astronomical objects located beyond our solar system. Laboratory two hours. Prerequisites: AST 1001 and 3 credit hours of AST 1002 transferred from another institution.

(GEC 1/30/09, F09; and revised at AP&P 3/2/11, F12)

AT 3610. Therapeutic Modalities (2).S.

GEN ED: Junior Writing in the Discipline (WID)

The course covers the physical basis and physiological effects of agents and modalities used in the treatment of athletic injuries. The emphasis will be on establishing a theoretical foundation for selecting a treatment protocol for an injury. Hands-on practice with equipment is provided. Prerequisites: AT 1600, ES 2031, and ENG 2001 or its equivalent. Lecture two hours, laboratory one hour. (WRITING)

(GEC 1/30/09, F09)

AT 4030. Evidence-Based Practice in Athletic Training (2).F.

GEN ED: Capstone Experience

A course designed for senior athletic training students. Discussion topics include research and writing in athletic training and professional development. Additionally, opportunities to interact with medical professionals and opportunities to improve problem-solving skills related to injury/illness evaluation and management will be provided. Prerequisites: AT 3615, AT 3625, and AT 4025. Lecture two hours.

(GEC 1/30/09, F09)

BE 3340. Business Communications (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Students gain experience in written and spoken business communications. Activities include writing e-mail, memoranda, letters, proposals, and reports. Oral, nonverbal, and intercultural communications are emphasized. Prerequisite: ENG 2001 or its equivalent. (WRITING; SPEAKING)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

BIO 1101. Biology in Society I (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: "Biology and Society")

This course will focus primarily on issues relating to life at the level of the organism inward. The course will examine the broad concepts of how life is defined by the processes of heredity, reproduction and metabolism. These concepts will be examined by studies of societal issues such as cancer, nutrition, gene therapy, patterns of inheritance, drug therapy, and evolution at the cellular level. Lecture three hours, laboratory two hours. (CORE: NATURAL SCIENCES) (NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.) BIO 1101 WILL NOT SUBSTITUTE FOR BIO 1801 FOR SCIENCE MAJORS.

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

BIO 1102. Biology in Society II (4).F;S.

GEN ED: Science Inquiry Perspective (Themes: "Biology and Society" and "Life, Earth, and Evolution")

This course will primarily focus on issues relating to life at the level of the organism outward. The course will examine the broad concepts of evolutionary processes, the interdependent nature of living organisms, the diversity of life, and the evolution of organ systems. These concepts will be examined by studies of societal issues such as the biodiversity crisis, human evolution, plants and agriculture, the threats from microbes, and issues in conservation ecology. Lecture three hours, laboratory two hours. (CORE: NATURAL SCIENCES) (NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.) BIO 1102 WILL NOT SUBSTITUTE FOR BIO 1802 FOR SCIENCE MAJORS.

(GEC 12/2008, F09; and new course - AP&P 1/14/09, F09)

BIO 1103. Global Climate Change and Earth's Life (4).S.

GEN ED: Science Inquiry Perspective (Theme: "Global Environmental Change")

A course examining the effects of global climate change on earth's organisms. Lecture combines biological concepts with current knowledge and predictions to provide a broad introduction to key changes possible in earth's biota in a future world. Laboratory provides a hands-on approach to investigating climate change questions. Submission of on-line essays, group discussions and summary reports from laboratory experiments required. Lecture three hours, laboratory two hours.

(GEC 1/30/09, F09; and revised at AP&P 4/29/09, S10)

BIO 3301. Human Systems Physiology (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A study of the fundamental principles of human physiology with an emphasis on systemic function. Lecture three hours, laboratory three hours. Prerequisites: one semester of organic chemistry (CHE 2201 or CHE 2101); and ENG 2001 or its equivalent. (WRITING; NUMERICAL DATA) (ND prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 1/30/09, F09; and revised at AP&P 4/29/09, S10)

BIO 3312. Environmental Studies (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

An in-depth study of environmental problems from a systems/ecological perspective, with emphasis on the scientific basis of the problems and solutions. Topics will vary by semester but will generally include population growth; mineral water and wildlife resources; energy resources; and waste and pollution. Involves significant written assignments. Lecture three hours. Prerequisites: BIO 1802 and ENG 2001 or its equivalent. (WRITING; SPEAKING)

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

BIO 3313. Global Change Ecology (4).S.

GEN ED: Junior Writing in the Discipline (WID)

This course explores the causes and consequences of anthropogenic global change with a particular emphasis on key ecological processes. We will explore global changes in biogeochemistry, climate, biodiversity, and land cover. Students will use the scientific literature and laboratory experiences to better understand global environmental datasets and their interactions. Students will develop an understanding of the ecological underpinnings of global changes, and explore consequences as well as potential mitigation strategies. Prerequisites: BIO 1802 and ENG 2001 or its equivalent. Lecture three hours, laboratory three hours. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

BIO 3314. Comparative Vertebrate Zoology (4).S.

GEN ED: Junior Writing in the Discipline (WID)

The origin, evolution, anatomy, physiology, taxonomy, and natural history of the vertebrates. Lecture three hours, laboratory three hours. Prerequisites: BIO 1801 and ENG 2001 or its equivalent. (WRITING)

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

BIO 3315. Conservation Biology (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course will introduce students to the foundations, key concepts, and current topics in Conservation Biology. Students will be exposed to different concepts of biodiversity, gain an appreciation of threats to biodiversity at scales ranging from local to global, and learn about the role of state and federal agencies, non-government organizations and other stakeholders in the struggle to preserve the natural resources of an increasingly populous earth. Prerequisites: BIO 1801, BIO 1802, and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 4/29/09, S10)

BIO 3800. Molecular Biology (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A study of the basic molecular processes and critical recombinant DNA technologies. This includes: structure and general features of the biological information molecules DNA, RNA and proteins; DNA replication and repair processes; RNA synthesis and processing; protein synthesis and regulation; and basic recombinant DNA technology. The laboratory will include: DNA isolation techniques; restriction analysis; construction of a recombinant DNA molecule and cloning; DNA-DNA hybridization; *in vitro* translation and analysis of the protein; PCR amplification of DNA; DNA sequencing and analysis; and the introduction to computer analysis of DNA, RNA and proteins. Lecture three hours, laboratory three hours. Prerequisites: BIO 1801

and one semester of organic chemistry; and ENG 2001 or its equivalent. (WRITING; NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 1/30/09, F09; and new course at AP&P 1/14/09, F09)

BIO 4501. Independent Research (3).F;S.

GEN ED: Capstone Experience

A capstone experience in designing and conducting an independent research project. Students will report the results of their study in the form of a paper appropriate for publication in a scientific journal and will present a public seminar on their research. Prerequisites: senior standing, completion of a junior writing course, and permission of the instructor.

(GEC 2/26/10, F10; and new course at AP&P 2/3/10, F10)

BIO 4519. Biology Honors Thesis (3).On Demand.

GEN ED: Capstone Experience

Work, under the supervision of a biology faculty member, on the project begun in BIO 4518 (Honors Research). An oral report on the project will be presented in a public seminar. A written thesis will be approved by a committee comprised, at minimum, of the thesis advisor and another faculty member. (Note: If a student is using the Biology Honors Thesis to fulfill the requirements for University Honors, one member of the committee must be from outside the Department of Biology.) A student who completes the thesis with a grade of "B" or higher will be eligible for "Honors in Biology." Prerequisite: BIO 4518 with a grade of "B" or higher.

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

BIO 4575. Ecotoxicology (4).S.

GEN ED: Capstone Experience

This course introduces the various classes of toxicants, their fate within organisms and ecosystems, and the chemical transformations and mechanisms of toxicity. This course will also introduce students to standard lab and field toxicity tests, analysis of toxicity and quantification of toxins, data reduction and analysis, and the power of statistical analyses to identify significant effects. A case study approach will be utilized in lecture and labs to examine the toxic effects of heavy metals, organic compounds, insecticides, and environmental endocrine disrupters. Students will learn about important endpoints and bio-indicators of toxin exposure specific to each class of toxin and how they are used in ecological risk assessment. A service-learning component of the course will require students to conduct group toxicology projects with a local community partner. Lecture three hours, laboratory three hours with some required field trips. Prerequisites: Biology core courses (BIO 1801 and BIO 1802), one semester of organic chemistry, junior level writing in the discipline (WID) course, and senior standing. [Dual-listed with BIO 5575.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

(GEC 1/30/09, F09; and new course at AP&P 1/14/09, F09)

BIO 4700. Seminar in Biological Science (3).F;S.

GEN ED: Capstone Experience

A capstone experience in a seminar format. Students will be expected to read seminal articles, monographs, and books from the scientific literature, prepare synthesis papers drawing together ideas from several sources, and present their topics to the seminar group and participate in discussion. Prerequisites: senior standing, completion of a junior writing course, and permission of the instructor.

(GEC 1/30/09, F09; and new course at AP&P 1/14/09, F09)

BIO 4910. Capstone Internship in Biology (3).F;S.

GEN ED: Capstone Experience

A capstone experience in a commercial/industrial setting, research laboratory, or research facility, or in a federal, state, or local government agency. Students will be expected to complete a significant project developed in conjunction with the cooperating outside facility or agency, will keep a daily journal of their internship experience, and will report the results of their internship in a public seminar. Prerequisites: senior standing, completion of a junior writing course, and permission of the instructor.

(GEC 1/30/09, F09; and revised at AP&P 12/07/11, F12)

BUS 4000. Business Capstone Experience (1).F;S.

GEN ED: Capstone Experience

This course synthesizes the knowledge gained in the business discipline by using comprehensive integrative exercises. Emphasis on demonstrating competence in oral and written communication, thinking critically, and making local to global connections. Prerequisites: a minimum grade of “C” in any Writing in the Discipline (WID) course, completion of all College of Business core courses other than MGT 4750, and final semester senior standing.

(GEC 12/2008, F09)

CHE 1101. Introductory Chemistry I (3).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Chemistry: Connections to Our Changing World”)

A study of the fundamental principles of chemistry emphasizing modern atomic theory, the structure and behavior of atoms, the properties and states of matter, energy relations, periodicity and mole concepts. Lecture three hours. Corequisite or prerequisite: CHE 1110. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

CHE 1102. Introductory Chemistry II (3).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Chemistry: Connections to Our Changing World”)

A study of properties of solutions, acid-base concepts, equilibria, elementary thermodynamics, elementary kinetics, electrochemistry. Lecture three hours. Prerequisites: CHE 1101 and CHE 1110; corequisite or prerequisite: CHE 1120. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

CHE 1110. Introductory Chemistry Laboratory I (1).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Chemistry: Connections to Our Changing World”)

Laboratory experiments to supplement the study of the topics listed under CHE 1101. Laboratory three hours. Corequisite or prerequisite: CHE 1101. (CORE: NATURAL SCIENCES)

(GEC 12/2008, F09)

CHE 1120. Introductory Chemistry Laboratory II (1).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Chemistry: Connections to Our Changing World”)

Laboratory experiments to supplement the study of the topics listed under CHE 1102. Laboratory three hours. Corequisite or prerequisite: CHE 1102. (CORE: NATURAL SCIENCES)

(GEC 1/30/09, F09; and revised at AP&P 5/2/12, F13)

CHE 3303. Physical Chemistry I Laboratory (1).F.

GEN ED: Junior Writing in the Discipline (WID) (CHE 3303)

Experimental investigations which supplement the study of the topics in Physical Chemistry I. Applications of computer techniques for data reduction and manipulation will be introduced and utilized. Laboratory three hours. Prerequisites: CHE 2210, CHE 2211, MAT 1120, PHY 1150, PHY 1151, and ENG 2001 or its equivalent. Corequisite or prerequisite: CHE 3301. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 4/01/09, S10)

CHE 4000. Chemistry Seminar (1).F;S.

GEN ED: Capstone Experience

A senior capstone experience on the presentation and discussion of current chemical topics. Oral and written reports are required. Prerequisites: CHE 3000 and CHE 3303. (SPEAKING)

(GEC 1/30/09, F09)

CHE 4620. Environmental Chemistry (4).S.

GEN ED: Capstone Experience

A capstone course for students pursuing a concentration in Environmental Chemistry, this course will focus the wide diversity of subject matter required by this major. The course will involve discussions and applications of air, water and soil chemistry while giving the student an appreciation of the scientific, legal, political and economic issues inherent in Environmental Chemistry. Prerequisites: CHE 3301, CHE 4560, STT 2810. Lecture three hours, laboratory three hours.

(GEC 1/30/09, F09; and revised at AP&P 4/01/09, S10)

CHE 4900. Internship in Chemistry (1-12).F;S.

GEN ED: Capstone Experience

Independent, supervised work in applied chemistry at an approved industrial, quality control, analysis, or production facility. Appropriate entities include, but are not limited to, commercial businesses and governmental agencies. May be taken for a maximum of 12 semester hours, with a maximum of 6 semester hours credit per summer session. Only three of those hours will count toward major requirements. Prerequisite: CHE 3303. Graded on an S/U basis.

(GEC 12/2008, F09)

CHN 1050. Intermediate Chinese II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of CHN 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: CHN 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 1/30/09, F09; and revised at AP&P 2/3/10, S11)

CI 3030/MAT 3030. Investigating Mathematics and Learning (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course prepares prospective teachers to construct a comprehensive understanding of effective mathematics instruction in grades K-6 with selected instructional activities designed for implementation during field placement experiences. The course includes content, methods, and materials of elementary school mathematics instruction. Topics include the content strand number and operations and process strands connections, communication, problem solving, reasoning and proof, and representation. The course emphasizes instructional design principles for teaching number and operation. Effective communication of mathematical ideas is a focal point of the course. Prerequisites: MAT 2030 and ENG 2001 or its equivalent. (Same as MAT 3030.) (WRITING)

(GEC 1/30/09, F09)

CI 3105/FCS 3105/SPE 3105. Practicum II (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This practicum is designed to build on and extend competencies learned in Practicum I. Students in this practicum will be required to work with children ages birth-2 or 3-5 years of age, depending on prior practicum placement. Students also will be required to plan and implement developmentally appropriate environments, learning experiences, and interactions with children and their families. In addition, students

will be expected to demonstrate an advanced level of reflection and integration, as well as appropriate professional behavior. The practicum consists of a minimum of 150 contact hours in a program serving young children. Periodic seminars will be required. Prerequisites: FCS 3104/CI 3104/SPE 3104 or permission of the instructor; and ENG 2001 or its equivalent. Graded on an S/U basis. (Same as FCS 3105/SPE 3105.) (WRITING; CROSS-DISCIPLINARY)

(GEC 1/30/09, F09)

CI 3900. Middle Grades Internship (3).S.

GEN ED: Junior Writing in the Discipline (WID)

Prospective middle grades teachers are introduced to middle level classrooms and school communities through field experiences in professional development schools. Observation, participation, and teaching experiences ranging from individual to large group settings are included. Reflection, analysis, and discussions of practicum experiences are integrated into regularly scheduled seminars. Students will complete inquiry projects, and participate in interdisciplinary teaming while developing rapport with young adolescents and examining the context of effective middle level learning environments. This course is taken concurrently with CI 3910 and CI 3920. Prerequisite: ENG 2001 or its equivalent. Lecture 20 hours; laboratory 60 hours. Graded on an S/U basis. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

CI 4900. Internship/Student Teaching (6-12).F;S.

GEN ED: Capstone Experience

Teaching experiences under supervision for one semester for students who plan to teach B-12. Graded on an S/U basis.

(GEC 1/30/09, F09; and new course at AP&P 3/04/09, F09)

CJ 3001. Writing in Criminal Justice (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course will continue with the writing skills developed from the first and second year writing courses, but will focus on specific issues and writings within criminal justice. In addition to writing (effective communication), the course will emphasize critical thinking, community responsibility within the context of criminal justice, and local to global connections. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 12/5/12, F13)

CJ 4900. Internship in Criminal Justice (3-12).F;S.

GEN ED: Capstone Experience

Field work in a criminal justice agency, office, or institution. This course offers the student the opportunity to synthesize the knowledge, approaches, and theories of the criminal justice discipline. At least three of the following four general educational goals will be addressed: thinking critically and creatively, communicating effectively, understanding responsibilities of community membership, and making global to local connections. Graded on an S/U basis. Prerequisites: CJ 3001 and senior standing (or 90 semester hours of coursework). (WRITING; SPEAKING)

(AP&P 4/4/12, F13 and GEC 1/20/12)

COM 2112. Online Public Discourse (3).On Demand.

GEN ED: Local to Global Perspective (Theme: "Democracy and Personal Life")

Examination of the effects of Internet-based communication tools on issue awareness, formulation of perspectives, and exchange of views.

(GEC 12/2008, F09; new course at AP&P 12/03/08, F09; and GEC 12/7/12, F13)

COM 3118. Communicating Coal in Appalachia (3).On Demand.

GEN ED: Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

The course examines the types of communication and information campaigns used by various stakeholders in the cultural, economic and political conflicts surrounding the coal industry in Appalachia. Students will learn through case studies, readings, guest speakers and at least one field trip to the coal fields of Appalachia.

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

COM 3120. Rhetoric and Religious Discourse (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

The rhetorical analysis of religious themes in political and popular discourses. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 2/1/13, F13)

COM 3130. Minorities in Media (3).On Demand.

GEN ED: Local to Global Perspective (Theme: "Identity, Culture and Media")

This lecture and discussion course introduces students to the complex relationships between race, gender, and popular culture via critical media analysis.

(GEC 1/30/09, F09)

COM 3151. Gender Communication (3). On Demand.

GEN ED: Junior Writing in the Discipline (WID)

A course designed to allow students to learn, through studying theories and through practical experiences, the concepts relative to communication and both genders. Study includes, but is not limited to, communication among both and single genders; communication role development; how gender communication affects family relationships; differences in verbal and nonverbal communication across genders; and how gender roles affect close relationships, education, the media, acts of violence, and the workplace. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

COM 3155. Persuasion (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course explores the role of persuasion in public life. Students will learn to critically analyze and produce persuasive discourse in social, cultural, and democratic contexts in light of prevailing theories of social influence. Prerequisites: COM 1200 and COM 2101, or consent of the instructor; and ENG 2001 or its equivalent. (WRITING; SPEAKING)

(Revised at AP&P 1/16/13, F13 and GEC 2/1/13, F13)

COM 3301. Writing for the Electronic Media (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Formats and techniques of writing for the electronic media. Prerequisites: ENG 2001 or its equivalent and COM 1600; and registration is restricted to students admitted to the BS in Communication, Electronic Media/Broadcasting or consent of the instructor. (WRITING)

(GEC 1/30/09, F09)

COM 3302. Copywriting for Advertising (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Development of skills and techniques of advertising copywriting applying to all media. Goals are to improve creative writing skills, learn the basics of advertising copy and layout and the analysis of advertisements. Prerequisites: COM 2700 and must be an admitted advertising major or communication minor; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

COM 3312. Crisis Communication (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A study of the role of crisis communication in contemporary organizations. Emphasis is on critical assessment of organizational readiness for a crisis and advanced crisis preparation. Students prepare a crisis assessment and crisis management plan for an actual organization/business. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/20/12, F12)

COM 3315. Political Communication (3).On Demand.

GEN ED: Aesthetic Perspective (Theme: "Expressions of Belief")

Examines the theoretical and practical aspects of political communication. Topics covered include political debates, speechwriting, political cartoons, communication strategies during and after campaigns, and the role of the media in political communication. (CROSS-DISCIPLINARY)

(AP&P 1/16/13, F13 and GEC 2/1/13, F13)

COM 3341. Communication Ethics (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Study methods of applying logical concepts and techniques as well as ethical theories, principles, and techniques to professional communication fields. The course will also demonstrate the importance of ethics and of communication ethics to the student's personal and professional life. It will scrutinize and evaluate the fundamental issues and problems in communication ethics and examine the social responsibility of professional communicators. Prerequisites: COM 1200 or permission of the instructor, and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

COM 3549. Selected Topics in Analyses (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

An opportunity to study a special topic or combination of topics not otherwise provided for in the communication curriculum. COM 3549 is reserved for 3 credit hour selected topics courses related to analyses. Prerequisite: ENG 2001 or its equivalent. May be repeated for credit when content does not duplicate. (WRITING)

(GEC 1/30/09, F09)

COM 3600. Feature Writing (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Study of principles, processes and techniques of editorial and feature writing for print media. Intense practical training in advanced writing styles and skills. Prerequisites: COM 2600 and COM 2610, or consent of the instructor; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09 and revised at AP&P 1/16/13, F13)

COM 3618. Public Relations Writing (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Public relations writing builds student skills in developing and preparing collateral public relations materials. This course integrates and builds upon the journalism, public address, core communication, and public relations courses. It sets the foundation for independent action in the advanced public relations courses and for successful experiences in an internship environment. Prerequisites: COM 2600 and ENG 2001 or its equivalent. Corequisite or prerequisite: COM 3318. (WRITING)

(GEC 1/30/09, F09 and revised at AP&P 1/16/13, F13)

COM 4315. Electronic Media Management (3).F;S.

GEN ED: Capstone Experience

The study of factors related to the management of broadcast and cable stations, including finances, human resources, programming, sales, regulation, and promotion and marketing. Prerequisites: COM 2316, COM 3316 and junior or senior standing, or consent of the instructor.

(GEC 1/30/09, F09; and revised at AP&P 1/13/10, F10)

COM 4400. Advertising Campaigns (3).F;S.

GEN ED: Capstone Experience

This course is designed to teach the student how to prepare an entire advertising campaign from start to finish. As such, it will incorporate knowledge gained from the variety of courses the student has had previously. Prerequisites: senior standing, COM 2700, and either COM 3302 or COM 3640, or permission of the instructor.

(GEC 1/30/09, F09)

COM 4418. Public Relations Seminar (3).F;S.

GEN ED: Capstone Experience

Examines the educational preparation and requirements, as well as the professional standards, for public relations practitioners. The course analyses developments which impact the interface between organizations, their publics, and the social environment in which they operate. It is also a critical study of the role of public relations in different organizational settings. Corequisite or prerequisites: COM 4318 and senior standing, or consent of the instructor.

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

COM 4432. Communication Studies Seminar (3).F;S.

GEN ED: Capstone Experience

This capstone course invites students to draw connections between their previous coursework and major works in the discipline, through discussions, presentations, and writing. Students will also construct a portfolio. Prerequisites: senior standing and must be admitted to the B.S. degree in Communication Studies.

(GEC 1/30/09, F09 and revised at AP&P 1/16/13, F13)

COM 4610. Specialized Reporting (3).F;S.

GEN ED: Capstone Experience

This course is an advanced news writing and reporting course in the journalism sequence. Focus is on reporting for specific news beats to produce stories of publishable quality. Emphasis is also placed on

analysis of advanced forms of news writing beyond breaking news, including features and in-depth stories. Prerequisites: COM 3600 and senior standing.

(GEC 3/20/09, S10; and revised at AP&P 2/04/09, F09)

CS 1445. Introduction to Programming with Interdisciplinary Applications (4).On Demand.

GEN ED: Quantitative Literacy

This course provides an introduction to problem solving and programming using tools such as MATLAB. The course emphasizes computational methods to solve scientific problems. Topics include: control structures, data types (including structures and arrays), parameterized procedures and recursion, as well as simple I/O control. Prerequisite: MAT 1020 or MAT 1025 or equivalent with a grade of "C-" or higher. Students with doubts about their mathematics and computing background should consider taking CS 1425 (Overview of Computer Science) as a prerequisite to CS 1445. (COMPUTER)

(GEC 2/20/09, F09; and revised at AP&P 1/19/11, F11)

CS 3100. Junior Seminar (2).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Students develop writing skills in the context of computer science including technical reports, software documentation, user manuals, correspondence, and writing for the web. Ethical, legal, social, historical, and global issues provide a context for the assignments. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 2/1/13, F13)

CS 4510. Senior Honors Thesis (1-3).F;S.

GEN ED: Capstone Experience

Independent study and research. Hours are 1-3 semester hours per semester for three semester hours total with a preferred format of one semester hour the first semester and two semester hours the second semester of the senior year. Thesis must be directed by a member of the Department of Computer Science faculty and presented both orally and in writing to the department. Enrollment by permission of the Departmental Honors Committee. Course grade will be determined by the thesis advisor and the Departmental Honors Committee. Prerequisites: completion of six semester hours of departmental honors courses at the 2000 level or higher with a grade of "B" or higher in each.

(GEC 1/30/09, F09; and new course at AP&P 2/04/09, F09)

CS 4800. Capstone Project (3).F;S.

GEN ED: Capstone Experience

The senior capstone project provides the student an independent and collaborative software development experience with a significant project. The course introduces aspects of project management, requirements analysis, and the software lifecycle, but will primarily be concerned with the practical integration of core theories, practices, and ethics of the discipline. Writing and speaking communication skills are reinforced. Prerequisites: senior standing and CS 3667.

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

CSD 3350. Evaluating Research in Communication Sciences and Disorders (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

An introduction to the principles and practices of research in communication sciences and disorders, including experimental design, statistical methods, and application to clinical populations and evidence-based practice.

Prerequisites: ENG 2001 or its equivalent, STT 1810 or STT 2810, and admission to the Communication Sciences and Disorders program. (Meets ASHA III-F) (WRITING)

(AP&P 2/1/12, F12; and GEC 12/9/11, F12)

CSD 4850. Adult Language Disorders (3).F;S.

GEN ED: Capstone Experience

Description, assessment, differential diagnosis and management of acquired neurogenic language disorders, including aphasia, right hemisphere disorder, traumatic brain injury, and dementia. Emphasis is given to neurological bases, characteristics, etiologies, and clinical management within the framework of the International Classification of Function. Prerequisite: admission to the Communication Sciences and Disorders program. Prerequisite or corequisite: CSD 4766 or permission of the department chair. (Meets ASHA III-C-G) (WRITING) [Dual-listed with CSD 5850.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

(GEC 12/2008, F09)

DAN 1400. Modern Dance I (2).F;S.

GEN ED: Wellness Literacy

An introduction to modern dance as an art form with the beginning practice of movement technique. Emphasis will be on the discovery of skills to develop the articulation and expressiveness of the body. The course will be an introduction to the medium of modern dance through the concepts of time, space, force and direction while integrating alignment and placement. Historical perspectives as well as aesthetic values will be covered. May be repeated one time for credit. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09)

DAN 1410. Beginning Ballet I (2).F;S.

GEN ED: Wellness Literacy

A beginning study of the art of classical ballet with emphasis on basic vocabulary, alignment/placement, classical historical traditions and basic combinations of movement. May be repeated one time for credit. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09)

DAN 1420. Jazz I (2).F.

GEN ED: Wellness Literacy

A study of beginning jazz dance technique with an emphasis on rhythmic awareness, style and cultural traditions. May be repeated one time for credit. Prerequisite: DAN 1400 or DAN 1410. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09; and new course at AP&P 11/05/08, F09)

DAN 2010. Analyzing Style and Form: Dance (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Analyzing Style and Form")

This course will explore the meaning, history, and aesthetics of dance. It will include cross-cultural comparisons and the influence of other art forms throughout the history of dance. The course will be primarily lecture with demonstrations, video, and some experiential work.

(GEC 12/2008, F09; and revised at AP&P 2/09/11, F11) (GEC 10/21/11, F12 for FAD)

DAN 2020. World Dance (3).S.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Performance of Culture")

This course will explore dance as a vital contribution to cultural understanding from various regions and cultures around the world including the Americas, Africa, Europe, Asia and Oceania.

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

DAN 2030. Dance, Media and Culture (3).On Demand.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Performance of Culture")

This course will focus on the intersection of dance, media and culture by contextualizing an emerging role of dance from an elitist perspective to a populist activity. Content will include a global perspective of dance on film, technological advances in digital dance media and the creation of fusion dance forms as a means of cultural expression.

(GEC 12/2008, F09)

DAN 2400. Modern Dance II (2).F;S.

GEN ED: Wellness Literacy

A second (intermediate) level study of modern technique and basic elements of dance with more emphasis given to the refinement of skills and aesthetic elements. May be repeated one time for credit. Prerequisite: DAN 1400 or permission of the instructor. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09 and revised at AP&P 1/16/13, F13)

DAN 2410. Ballet II (2).F;S.

GEN ED: Wellness Literacy

A beginner/intermediate class in classical ballet technique designed to facilitate skill in allegro and adagio work with an emphasis on developing line, style, placement and musicality. Focus will be on expanding the dancer's artistry through the development of articulation, precision and conditioning. May be repeated for a total credit of four semester hours. Prerequisite: permission of the instructor. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09)

DAN 2420. Jazz II (2).S.

GEN ED: Wellness Literacy

A second level study of jazz technique and advanced elements of dance with more emphasis given to the refinement of skills including rhythmic awareness and dynamic interpretation. May be repeated one time for credit. Prerequisite: DAN 1420 or permission of the instructor. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

DAN 3280. Yoga as Somatic Practice (2).S.

GEN ED: Wellness Literacy

This course will examine the basic principles of the physical practice of yoga known as Hatha Yoga. The course will explore the practice of asanas (sustained postures) and vinyasas (sequences of postures connected by breath), pranayama (breathing exercises) and pratyahara, (meditation practices). Students will also be introduced to the philosophical and historical context of Hatha yoga. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09; GEC 10/21/11, F12 for FAD; and revised at AP&P 1/16/13, F13)

DAN 3430. Early Dance History (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "The Body: Expression, Presentation, and Representation")

Early Dance History will explore ritual to classical dance forms from the earliest times through the 19th century. The course will focus on dance in relation to other art forms as well as the cultural, aesthetic and philosophical influences on dance. (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES)

(AP&P 1/16/13, F13 and GEC 2/1/13, F13)

DAN 3435. Dance History in the Modern Era (3).S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "The Body: Expression, Presentation, and Representation")

Contemporary Dance History will explore concert dance styles from the 20th century to the present day. Special emphasis will be given to cultural, aesthetic and philosophical influences on contemporary concert dance.

(GEC 12/2008, F09)

DAN 3480. Pilates Conditioning I (2).F;S.

GEN ED: Wellness Literacy

This course is an experiential course based on the principles and teachings of Joseph H. Pilates. The Pilates method combines both Eastern and Western approaches to physical and mental conditioning with an emphasis on moving with maximum efficiency and precise control. May be repeated one time for credit. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09)

DAN 3580. Gyrokinesis (2).F;S.

GEN ED: Wellness Literacy

Gyrokinesis methodology, as developed by Julio Horvath, embraces key principles of dance, yoga, gymnastics and tai-chi. The method works the entire body using spinal articulations and undulating rhythms integrated with specific breathing patterns. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09 and revised at AP&P 2/1/12, F12)

DAN 4460. Somatics (3).F;S.

GEN ED: Wellness Literacy

This course will focus on functional anatomy and kinesiology to explore different approaches to therapeutic body-centered learning and current concepts in wellness. The course will be lecture and experiential in nature. (CORE: PHYSICAL ACTIVITY/WELLNESS) [Dual-listed with DAN 5460.] Dual-listed courses require senior standing; juniors may enroll with permission of the department.

(GEC 1/30/09, F09; and revised at AP&P 2/04/09, F09)

DAN 4830. Collaborative Process (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course will explore the collaborative process in dance. Histories of great collaborations will be explored. Theoretical perspectives of creative process, the nature of creativity in collaborative work, crossing disciplines, and group process will be addressed. The course will be lecture, discussion and

experiential in nature. Research projects and collaborative projects will be presented orally. Prerequisites: senior standing and permission of the instructor; and ENG 2001 or its equivalent. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

DAN 4840. Capstone (3).S.

GEN ED: Capstone Experience

Capstone is the culminating course requirement for the B.A. degree in Dance Studies. It is an opportunity for the student to explore and discover the connections between the discipline of dance and another selected area of study. Students will be expected to create an in-depth senior project which illustrates and focuses on this resulting integration of disciplines. Students will be required to present and discuss the development as well as other aspects of their project in class, and they will also be required to present their final project in a public forum to students and faculty. A written synthesis of the process and project reflecting on the student's ability to create meaningful connections between disciplines is also required. Prerequisites: senior standing and permission of the instructor.

(GEC 12/2008, F09 for HSP-T; and GEC 3/26/10, S11 for HSP-T)

ECO 2030. Principles of Economics - Price Theory (3).F;S.

GEN ED: Historical and Social Perspective (Themes: "This American Life" and "Capitalism and Its Critics")

A brief introduction to the study of economics followed by an in-depth analysis of microeconomics, including: the price mechanism and supply and demand analysis; consumer choice; cost and revenue analysis of the firm; market structures; factor markets and income distribution; market failure and the role of government; and current economic problems such as pollution, poverty and discrimination. (CORE: SOCIAL SCIENCES)

(GEC 2/26/10, F10)

ECO 2100. Business and Economic Statistics I (3).F;S.

GEN ED: Quantitative Literacy

A study of statistical tools used to analyze business and economic problems. The major subject matter includes descriptive statistics, the concepts of probability, confidence intervals and hypothetical testing, and statistical comparisons of production and marketing methods. Prerequisite: MAT 1030 or MAT 1020. (NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09 as ECO 3620; Changed to ECO 2620 at AP&P 4/21/10, S11)

ECO 2620. Environmental and Resource Economics (3).F.

GEN ED: Local to Global Perspective (Theme: "Global Resources")

The course explores the efficient allocation of environmental and natural resources and examines the continuing conflict between economic activity and environmental quality and the conservation of natural resources. The course applies economic theory to local, regional, national, and international environmental issues.

(GEC 1/30/09, F09)

ECO 4810. Seminar in Economics (3).F;S.

GEN ED: Capstone Experience

In-depth research and analysis of selected economic issues and problems. Required of all seniors majoring in economics or banking. Students participate in discussions of significant economic problems, theories and policies. Preparation of empirical papers that apply theoretical models and quantitative methods is required.

These papers will be presented orally and in writing to the seminar participants. Prerequisites: a minimum grade of “C” in any Writing in the Discipline (WID) course, ECO 3010, ECO 3020, and senior standing. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

ENG 1000. Expository Writing (3).F;S.

GEN ED: First Year Writing

An introduction to the various types of expository essays. A grade of “C” or higher in this course fulfills the English proficiency requirement for students entering the Reich College of Education or the Walker College of Business. (WRITING) (CORE: ENGLISH)

(GEC 1/30/09, F09; and new course at AP&P 4/30/08, F09)

ENG 2001. Introduction to Writing Across the Curriculum (3).F;S.

GEN ED: Second Year Writing

This course introduces students to writing across the curriculum. Students write in different genres for different academic communities, read a variety of academic texts rhetorically, and analyze the writing conventions of various academic communities. Prerequisites: completion of 30 semester hours of credit, including ENG 1000 and UCO 1200. (WRITING) (CORE: ENGLISH)

(GEC 12/2008, F09 and revised at AP&P 5/2/12, F13)

ENG 2030. World Literature I (3).F;S.

GEN ED: Literary Studies Designation; Local to Global Perspective (Theme: “Origins and Migrations”)

A survey of world literature before the modern period (read in English). (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09 and revised at AP&P 5/2/12, F13)

ENG 2040. World Literature II (3).F;S.

GEN ED: Literary Studies Designation; Local to Global Perspective (Themes: “Empire, Colonialism, and Globalization” and “Regions in Global Context”)

A survey of world literature beginning with the modern period (read in English). (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09; and revised at AP&P 3/3/10, F10)

ENG 2050. Studies in British Literature (3).F;S.

GEN ED: Literary Studies Designation; Aesthetic Perspective (Theme: “Traditions and Innovations”)

A study of selected works of British Literature. Course content will vary and may concentrate on poetry, fiction, drama, or a combination. ENG 2050 will not fulfill British literature core for BA in English or BS in English, Secondary Education majors. Prerequisite: ENG 1000.

(GEC 12/7/12, F131)

ENG 2120. African-American Literature (3).F;S.

GEN ED: Literary Studies Designation; Historical and Social Perspective (Theme: “Individual and Society”)

A critical study of the work of outstanding African-American writers. (WRITING; MULTI-CULTURAL) (CORE:HUMANITIES/LITERATURE)

(GEC 11/19/10, F11)

ENG 2130. Ethnic American Literature (3).F;S.

GEN ED: Literary Studies Designation; Local to Global Perspective (Theme: "Democracy and Personal Life")

A study of major ethnic American literature, with a particular focus on Latino American, Asian American, and/or American Indian writers. (WRITING; MULTI-CULTURAL)(CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09)

ENG 2170. Introduction to Film (3).F;S.

GEN ED: Aesthetic Perspective (Theme: "How We Tell Stories"); Local to Global Perspective (Theme: "Identity, Culture, and Media")

A critical examination of notable examples of the filmmaker's art from silent movies up to the modern era, including a variety of film genres and including both American and foreign films. (CORE: HUMANITIES)

(GEC 12/2008, F09; and revised at AP&P 3/3/10, F10)

ENG 2350. Studies in American Literature (3).F;S.

GEN ED: Literary Studies Designation; Historical and Social Perspective (Theme: "This American Life")

A study of selected works of American literature. Course content will vary and may concentrate on poetry, fiction, drama, or a combination. ENG 2350 will not fulfill American literature core for BA in English or BS in English, Secondary Education majors. Prerequisite: ENG 1000.

(GEC 1/30/09, F09)

ENG 3000. Approaches to Literary Studies (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

An introduction to the discipline of literary studies, with an emphasis on theoretical approaches, literary research, and critical writing. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 1/19/11, F11)

ENG 3100. Business Writing (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Focus on business writing concepts, ethics, and research. Emphasis on applied genres: specialized letters and memoranda, resumes, proposals, analytical and fact-finding reports, and other essential forms of professional communication. Prerequisites: ENG 1000, ENG 2001 or its equivalent, and completion of 54 semester hours of credit. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

ENG 3580. Teaching Composition: Theory, Practice, and Pedagogy (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Theory, practice, and pedagogy in the teaching of writing at the secondary level. Prerequisites: ENG 2001 or its equivalent and ENG 3300. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 3/3/10, F10)

ENG 3700. Technical Writing (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Focus on technical writing concepts, usability, ethics, and research. Emphasis on applied genres: instructions, process descriptions, abstracts, definitions, technical reports, and various electronic forms. Prerequisites: ENG 2001 or its equivalent and ENG 3090 or permission of the instructor. (WRITING; SPEAKING)

(GEC 3/20/09, F09)

ENG 4170. Film Theory and Criticism (3).F.

GEN ED: Capstone Experience

An in-depth study of the historical development of film criticism and an examination of contemporary film theory and technique. Prerequisite: ENG 2170.

(GEC 3/20/09, F09; and revised at AP&P 3/3/10, F10)

ENG 4300. Seminar in Professional Writing (3).S.

GEN ED: Capstone Experience

Emphasis on refining writing and presentation skills for the workplace. Students will complete a client-based project and an e-portfolio. Prerequisites: ENG 3090, plus six semester hours of credit in the Professional Writing concentration under the BA in English. (WRITING; SPEAKING)

(GEC 3/20/09, F09 and revised at AP&P 3/7/12, F13)

ENG 4510. Senior Honors Thesis (3).F;S.

GEN ED: Capstone Experience

Independent study and research. Honors thesis directed by a member of the Department of English and graded by a departmental committee. Oral presentation. Prerequisites: completion of ENG 4508 and ENG 4509 with at least a “B” average.

(GEC 3/20/09, F09)

ENG 4550. Senior Seminar in Creative Writing (3).F;S.

GEN ED: Capstone Experience

Content to vary, but may include experimental fiction writing, dramatic writing, poetic forms, and advanced workshops in revision. May be repeated for credit when content does not duplicate. Prerequisite: ENG 3651, ENG 3652, or ENG 3670/THR 3670. (ENG 3661, ENG 3662, or ENG 3663 is a suggested prerequisite, but students may also enroll in the seminar with the permission of the instructor.)

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4571. Capstone in American Indian Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on American Indian literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4581. Capstone in African-American Literature (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on African-American literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4586. Capstone in Ethnic American Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Ethnic American literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4592. Capstone in World Literature (3).F;S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on World literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4711. Capstone in Women and Literature (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on the representation of women in literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4721. Capstone in Appalachian Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Appalachian literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4731. Capstone in the Novel (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on the novel and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4761. Capstone in Literary Criticism (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on literary criticism and theory and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4771. Capstone in Early American Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Early American literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4781. Capstone in Nineteenth Century American Literature (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Nineteenth Century American literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4791. Capstone in Twentieth Century American Literature: 1900-1945 (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Twentieth Century American literature (1900-1945) and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4796. Capstone in Twentieth Century American Literature: 1945-present (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Twentieth Century American literature (1945-present) and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4811. Capstone in Folklore (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on folklore and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4815. Rachel Rivers Coffey Colloquium in Creative Writing (3).F.

GEN ED: Capstone Experience

An advanced creative writing workshop taught for half of the semester by a nationally distinguished senior writer and taught for the other half of the semester by the department's creative writing faculty member. Content to vary by genre. Fulfills the capstone requirement for the Bachelor of Arts degree in English with

a concentration in Creative Writing. May be repeated for credit when content does not duplicate. Prerequisites: ENG 3651, ENG 3652, or ENG 3670/THR 3670 and senior standing. (ENG 3661, ENG 3662, or ENG 3663 is a suggested prerequisite, but students may also enroll in the colloquium with the permission of the instructor.)

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4821. Capstone in Early English Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Early English literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; new course at AP&P 4/29/09, S10; and revised at AP&P 5/2/12, F13)

ENG 4831. Capstone in Shakespeare I - Early Works (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Shakespeare's earlier works and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; new course at AP&P 4/29/09, S10; and revised at AP&P 5/2/12, F13)

ENG 4841. Capstone in Shakespeare II - Later Works (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Shakespeare's later works and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4851. Capstone in Renaissance Literature (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on literature of the Renaissance and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4861. Capstone in Restoration and Eighteenth Century Literature (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on literature of the English Restoration and Eighteenth Century and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; new course at AP&P 4/29/09, S10; and revised at AP&P 5/2/12, F13)

ENG 4871. Capstone in British Romantic Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on British Romantic literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4881. Capstone in Victorian Literature (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Victorian literature and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4891. Capstone in Twentieth Century British Literature: 1900-1945 (3).F.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Twentieth Century British literature (1900-1945) and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 3/20/09, S10; and new course at AP&P 4/29/09, S10)

ENG 4896. Capstone in Twentieth Century British Literature: 1945-present (3).S.

GEN ED: Capstone Experience

A senior capstone experience in the presentation and discussion of current topics in literary study, focused on Twentieth Century British literature (1945-present) and culminating in an independent research project. Fulfills the capstone requirement for the Bachelor of Arts degree in English. Prerequisites: ENG 3000, senior standing, and permission of the instructor.

(GEC 10/30/09, F10; new course at AP&P 1/13/10, F10; and revised at AP&P 2/6/13, F13)

ENV 3100. Issues in Environmental Science (1).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course is open to third year Environmental Science (ENV) majors who have successfully completed ENG 2001, the second year writing course. ENV 3100 fulfills the third year writing in the discipline requirement for ENV majors and must be completed prior to taking ENV 4100, the capstone course. The content will emphasize readings and discussions of important contemporary themes in the biological, chemical, and geophysical areas of environmental science, with an emphasis on developing and honing various types of scientific writing skills for different audiences. Required readings and related discussions will include scientific journal articles, synthesis papers on environmental topics, opinion papers, and technology transfer articles. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09 and revised at AP&P 2/6/13, F13)

ENV 4100. Environmental Science Seminar (3).F;S.

GEN ED: Capstone Experience

This course emphasizes the critical need for a multi-disciplinary and cooperative approach to solving challenging environmental issues on local and global scales. The course is project-driven and employs literature and case study research, data gathering, and active group problem-solving to address issues such as scientific and engineering solutions, environmental and economic impacts, regulatory compliance, and public policy. Students are required to disseminate project results via written reports, oral presentations, and/or poster sessions. This course serves as the senior capstone course for students enrolled in the Bachelor of Science degree in Environmental Science. Lecture two hours, laboratory three hours. Prerequisites: ENV 3100, ENV majors only, and senior standing or permission of the instructor.

(AP&P 3/7/12, F13 and GEC 2/1/13, F13)

ENV 4510. Senior Honors Research and Thesis (1-3).On Demand.

GEN ED: Capstone Experience

Independent in-depth research and preparation of a thesis on a significant topic in environmental science, directed by a thesis faculty advisor in the environmental science program or in another science/math department within the College of Arts and Sciences. A thesis is presented in writing to the environmental science program honors coordinator along with an oral presentation to faculty. The thesis is to be examined (defended) and approved by both the thesis faculty advisor and by a second reader from a different department. The course grade is determined by the thesis faculty advisor and by the environmental science program honors coordinator. This course is required for graduation with honors in environmental science. Prerequisites: ENV 3560, a GPA of at least 3.45 overall and in environmental science courses, the approval of the proposed research topic and methods by the environmental science program honors coordinator, and the assignment of a research thesis advisor during the semester prior to enrollment in this course. ENV 4510 may be repeated for a total credit of three semester hours.

(AP&P 1/16/13, F13 and GEC 2/1/13)

ES 3005. Physiological Assessment and Program Management (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces the student to program administration and exercise leadership with an application of advanced physiological assessment. Maximal exercise testing, resting and exercising electrocardiogram, assessments for aerobic and anaerobic power, exercise capacity, measurement outcomes, and exercise programming will be covered in theory and application. Prerequisites: ENG 2001 or its equivalent, ES 2005 and ES 2010. (WRITING; SPEAKING)

(GEC 2/1/13, F13)

ES 3900. Internship (3-12).F;S.

GEN ED: Capstone Experience

A guided, practical experience at a qualified program site. All prospective interns should be declared exercise science majors and must plan their placement under the supervision of an exercise science internship coordinator. Internship credit is determined by the ratio of 40 contact hours for one hour of credit for a maximum of 12 s.h. Prerequisites: senior standing. Graded on an S/U basis.

(Revised at AP&P 1/16/13, F13 and GEC 2/1/13, F13)

ES 4050. Practicum: Pre-professional (3).F;S.

GEN ED: Capstone Experience

This course provides an educational experience in which the student must acquire 90 hours of observation/volunteer work in an occupation directly related to her/his career interest. Activities will focus on physical therapy and the role of the therapist within that profession. The practicum is open to juniors and

seniors majoring in exercise science, providing an opportunity to fulfill prerequisite requirements for “observation” hours as set forth by most physical therapy schools and other related professions. Prerequisite: ES 3005 or ES 3450. Graded on an S/U basis.

(Revised at AP&P 1/16/13, F13 and GEC 2/1/13, F13)

ES 4060. Practicum: Strength and Conditioning (3).F.

GEN ED: Capstone Experience

Practical application of scientific principles and concepts to human physical conditioning programs. Students will participate in relevant practical activities involving or related to exercise science or sports medicine. Prerequisites: ES 3450 and ES 3550. Graded on an S/U basis.

(GEC 3/20/09, S10)

FCS 1000. Apparel and Consumer Behavior (3).F.

GEN ED: Aesthetic Perspective (Theme: “Shaping the Human Environment”)

An introductory study of the nature and importance of life styles; communication, economics, psychology, sociology, design and concepts of manufacturing, marketing and retailing as factors which influence consumer acceptance and utilization of fashions. Lecture three hours.

(GEC 12/2008, F09; and revised at AP&P 12/03/08, F09)

FCS 2103. Family Development: Origins and Movement (3).F;S.

GEN ED: Local to Global Perspective (Theme: “Origins and Migrations”)

A study, using the multicultural life span approach, of factors affecting human and family development. Theories, patterns, structures and functions of diverse family groupings and interactions and interrelationships in family processes and development will be considered in relation to current research. Students will research their individual family origins and movement over time to understand the current change in ethnic diversity. Students will also study and analyze critical family issues and compare these issues within different cultures in the United States and around the world. Lecture three hours.

(COMPUTER) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 12/03/08, F09)

FCS 2110. Global Awareness: Examining the Human Condition (3).F;S.

GEN ED: Local to Global Perspective (Theme: “Sustainability and Global Change”)

A human ecological approach to the issues related to hunger, child and maternal mortality, access to primary education, and reproductive health. Economic, social, political, and geographic concepts will be related to current indicators of the United Nations Millennium Development Goals in order to analyze impacts on individuals and families. Students will develop and evaluate strategies that enhance living conditions for families in local and global contexts. Emphasis will be directed toward families most affected by negative living conditions. Lecture three hours.

(GEC 12/2008, F09; and new course at AP&P 12/03/08, F09)

FCS 2111. Social History of the Family (3).F;S.

GEN ED: Historical and Social Perspective (Theme: “Individual and Society”)

This course will examine family as an institution through cross-cultural, social, and historical contexts. The purpose of the course is to provide students with an introduction to theoretical perspectives used in the study of families, knowledge of the history of family life, and learning experiences that provide opportunities to think critically, communicate intelligently, and make informed opinions about

contemporary family issues. Connections to other courses within the individual and society theme will focus on individual and group decision making within the context of the family. Lecture three hours.

(GEC 10/30/09, F10 and revised at AP&P 2/1/12, F12)

FCS 3102. Family, Child and Professional Interactions: A Focus on Young Children (3).F.

GEN ED: Junior Writing in the Discipline (WID)

A family development approach to parent, child and professional interactions with a specific focus on communication patterns and family structure. Students will study and evaluate strategies which enhance positive interactions relevant for working with parents and professionals. Emphasis will be directed toward normative and catastrophic family issues. Lecture three hours. Prerequisites: FCS 2103, FCS 2104 and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

FCS 3105/CI 3105/SPE 3105. Practicum II (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This practicum is designed to build on and extend competencies learned in Practicum I. Students in this practicum will be required to work with children ages birth-2 or 3-5 years of age, depending on prior practicum placement. Students also will be required to plan and implement developmentally appropriate environments, learning experiences, and interactions with children and their families. In addition, students will be expected to demonstrate an advanced level of reflection and integration, as well as appropriate professional behavior. The practicum consists of a minimum of 150 contact hours in a program serving young children. Periodic seminars will be required. Prerequisites: FCS 3104/CI 3104/SPE 3104 or permission of the instructor; and ENG 2001 or its equivalent. Graded on an S/U basis. (Same as CI 3105/SPE 3105.) (WRITING; CROSS-DISCIPLINARY)

(GEC 1/30/09, F09)

FCS 4400. Professional Seminar (1).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A study of concepts and skills essential for successful entry into the professional world including job search strategies, resume development, interview strategies, written and oral communication, professional ethics, and career management and development. Lecture one hour. Prerequisites: FCS 1400 and senior level standing or approval of the major advisor; and ENG 2001 or its equivalent. Should be completed before taking FCS 4900. (WRITING)

(GEC 1/30/09, F09; and revised at AP&P 1/19/11, F11)

FCS 4900. Internship (3-12).F;S.

GEN ED: Capstone Experience

Field experience or employment in the area of the student's interest: (a) apparel design and merchandising; (b) child development; (c) family and consumer sciences education. Supervision and evaluation by the employer and the faculty member. Prerequisites:

- A. 2.00 overall grade-point average
- B. College rank: juniors (60 s.h.)
- C. Completed 35 semester hours of family and consumer sciences courses including FCS 4400 (except 24 semester hours for family and consumer sciences education majors)
- D. Internship proposal fully approved
- E. Major courses completed:
 1. Apparel Design and Merchandising: FCS 1000, FCS 1001, FCS 2000, FCS 3002, FCS 3003, FCS 4004; ACC 2100; ECO 2030; MKT 3050
 2. Child Development: FCS 2101, FCS 2103, FCS 2104, FCS 3101, FCS 3106; NUT 2201; SPE 3100
 3. Family and Consumer Sciences Education: 24 semester hours in family and consumer sciences completed

Graded on an S/U basis. Hours requirement for three credit hours is 120 hours with 40 hours required for each additional credit.

(GEC 3/26/10, S11)

FIN 2860. Personal Finance (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Capitalism and Its Critics")

A study of the key concepts, tools, and techniques of personal financial management. Focus is placed on the financial statements of the individual. The balance sheet model includes a discussion of personal assets - both financial and non-financial, personal liabilities including all types of loans, and personal net worth. The implications of the current financial environment (i.e., changing tax laws, savings instruments, interest rates, etc.) is also considered from the standpoint of the individual.

(GEC 12/2008, F09)

FRE 1050. Intermediate French II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

Focus on various aspects and perspectives of selected French-speaking cultures outside of France, including francophone peoples of Canada, the Caribbean, and/or the African continent. Continued development of communicative language skills through contact with authentic materials, readings, and films. Prerequisite: FRE 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 11/20/09, S10)

FRE 1060. Accelerated Intermediate French (6).On Demand.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")*

Combines FRE 1040 and FRE 1050. Prerequisite: FRE 1020 or the equivalent. Class meets daily for a total of 300 minutes per week. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES) (*NOTE: Only 3 s.h. of this 6 s.h. course may count for general education credit in a theme.)

(GEC 10/30/09, F10)

FRE 3045. Translation Techniques (3).F.

GEN ED: Junior Writing in the Discipline (WID)

Introduction to practical translation techniques to prepare students of French to produce French-English and English-French translations. Required for majors. Prerequisites: FRE 2005 and one 2000-level FRE literature course (FRE 2025, FRE 2045, FRE 2055, or FRE 2065); and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

FRE 4565. Advanced French Expression (3).F.

GEN ED: Capstone Experience

Students will have the opportunity to advance their oral and written proficiencies by examining and using different registers of contemporary spoken French as well as analyzing different written genres. Their oral work will be based on reading and discussing current articles from newspapers and periodicals; their written work will be modeled on selected literary and cultural narratives written by experienced French writers. Prerequisites: senior or graduate standing and FRE 3080, or consent of the instructor. (WRITING) [Dual-listed with FRE 5565.]

(GEC 12/2008, F09)

GER 1050. Intermediate German II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of GER 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: GER 1030 or GER 1040, or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 11/20/09, S10)

GER 1060. Accelerated Intermediate German (6).S.On Demand.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")*

Combines GER 1040 and GER 1050. Prerequisite: GER 1020 or GER 1030, or the equivalent. Class meets daily for a total of 300 minutes per week. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES) (*NOTE: Only 3 s.h. of this 6 s.h. course may count for general education credit in a theme.)

(GEC 4/17/09, S10)

GHY 1010. Introduction to Physical Geography (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Sustainability and Global Change")

A comprehensive study of our physical earth emphasizing the distributional patterns and inter-relatedness of its land, soils, natural vegetation and habitat, and weather and climate. Examinations of environmental issues including hazardous wastes, acid rains, floods, droughts, deforestation and air pollution. (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 2/04/09, F09)

GHY 1011. Global Climate Change (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: "Global Environmental Change")

This course provides a scientific examination of global climate change, including the physical patterns within the atmosphere, climate change due to both natural and anthropogenic forcing mechanisms, and projections of future change at various spatial scales. Students will employ the scientific method in a series of field-based experiments to answer problems and address issues that complement the lecture material and focus on aspects of global climate change. Lecture three hours, laboratory two hours.

(GEC 12/2008, F09; and new course at AP&P 2/04/09, F09)

GHY 1012. Global Change of the Biosphere (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: "Global Environmental Change")

An introduction to the patterns, dynamics, and causes of change in the biosphere. Students will examine the fundamental geographic determinants of biodiversity patterns and the natural and human factors that drive biotic change, including climate change, land cover change, and biological invasions. Students will use the scientific method in hands-on laboratory activities to investigate causal relationships between global change processes and biome shifts, species migration, extinction, and loss of biodiversity. Lecture three hours, laboratory two hours.

(GEC 12/2008, F09)

GHY 1020. World Regional Geography (3).F;S.

GEN ED: Local to Global Perspective (Themes: "Global Resources" and "Regions in Global Context")

The study of our contemporary world divided into the regions of North America, Central and South America, Africa, the Middle East, Europe, the Russian Realm, and South, East and Southeast Asia. Examination of global issues including population problems, technology and culture change, rural versus urban development, resource exportation and international trade, political identity and international conflict. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09)

GHY 1040. Introduction to Human Geography (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Cultural Diversity")

This course examines the spatial patterns of human society. By focusing on the description and analysis of the spatial dimensions of human language, economy, religion and government, this course is a celebration of human diversity. Lectures, readings, films, slides, writing exercises, map quizzes and class discussions will help the student to understand and appreciate the geography of the human mosaic. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 1/30/09, F09; and new course at AP&P 2/04/09, F09)

GHY 3000. Communicating Geographic Information (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces students to writing styles in geography and provides practice with written and oral communication skills in a variety of academic and professional contexts. Students will critically evaluate geographic writing and oral presentations, use writing as a means of enhancing clarity of thought and depth of knowledge in geography, and communicate effectively in academic and professional settings. Prerequisites: junior standing and registration is restricted to geography majors; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

GHY 4830/PLN 4830. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

This course provides a capstone experience, bringing together a variety of geography and planning skills, abilities and knowledge. It integrates academic concepts with real-world experience and helps the student advance from the undergraduate academic environment to a geography career and/or to graduate study. (Same as PLN 4830.) (WRITING; SPEAKING)

(GEC 12/2008, F09)

GLS 2000. Contemporary Global Issues (3).F;S.

GEN ED: Local to Global Perspective (Themes: "Empire, Colonialism, and Globalization" and "Origins and Migrations")

This course examines a selection of global issues from a variety of perspectives and disciplines. Students will be exposed to the complexities of these issues, which are the result of the confluence of historical, geographical, economic, cultural, and political factors. Emphasis will be placed on how different societies view global issues, as well as how different perspectives can alter one's understanding of them. (MULTI-CULTURAL; CROSS-DISCIPLINARY)

(GEC 4/17/09, S10)

GLS 4000. Seminar in Global Studies (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Students will engage in an intensive investigation of one or more global questions, themes, or issues in global studies. The class is organized as a seminar. Emphasis is placed on critical reading, research, writing, and speaking. The topic of this course will vary from semester to semester. Barring duplication of content, a student may repeat the course. The communication proficiency in Global Studies is met by earning a grade of "C" or higher in this course. Prerequisite: ENG 2001 or its equivalent. (WRITING; SPEAKING; MULTI-CULTURAL)

(AP&P 12/5/12, F13 and GEC 12/7/12, F13)

GLS 4550. Senior Capstone (3).S.

GEN ED: Capstone Experience

This is the required senior capstone course for a major in Global Studies. Students must complete a major project that makes use of and integrates the material from the Global Studies core in relation to a significant issue in Global Studies. Students may either write a thesis or conduct a project, which will be supervised by a member of the Global Studies faculty and read by another Appalachian State University faculty member in a field appropriate to the topic selected by the student. Prerequisites: GLS 4000 and senior standing.

(AP&P 1/16/13, F13 and GEC 12/7/12, F13)

GLY 1010. General Geology Laboratory (1).F;S.

GEN ED: Science Inquiry Perspective (Themes: “Restless Planet: Earth, Environment, and Evolution”; “Life, Earth, and Evolution”; “The Blue Planet”; and “Global Environmental Change”)

Laboratory exercises to supplement the study of topics listed under GLY 1101, GLY 1102, GLY 1103, GLY 1104, GLY 1105. Laboratory two hours. Prerequisite: 3 credit hours of geology or earth and environmental science. Credit is not allowed for both GLY 1010 and any of the following: GLY 1101, GLY 1102, GLY 1103, GLY 1104, GLY 1105.

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

GLY 1101. Introduction to Physical Geology (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Restless Planet: Earth, Environment, and Evolution”)

Introduction to the composition, origin, and modification of Earth materials through the study of the Earth’s interacting dynamic systems; study and application of the scientific method with reference to the principles of geology as demonstrated through use of case histories and laboratory material. Lecture three hours, laboratory two hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

GLY 1102. Introduction to Historical Geology (4).F;S.

GEN ED: Science Inquiry Perspective (Themes: “Life, Earth, and Evolution” and “Restless Planet: Earth, Environment, and Evolution”)

A study of the historical and biological aspects of the science of geology – tectonic models for understanding earth structure and lithospheric history, the physical and paleontological bases for understanding geologic time and dating rocks, biological principles relating to the evolution of organisms revealed in the fossil record, facts and theories of biological evolution, a survey of the evolution of organisms through time, the geologic history of North America, and discussion of the scientific aspects of the scientific-religious controversy of evolution vs. creationism. Lecture three hours, laboratory two hours. (CROSS-DISCIPLINARY; NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

GLY 1103. Introduction to Environmental and Applied Geology (4).F;S.

GEN ED: Science Inquiry Perspective (Theme: “Restless Planet: Earth, Environment, and Evolution”)

A survey of the chemical and physical processes that change the Earth’s crust and surface creating geologic hazards and environmental problems for people; human perturbations of the environment that directly and indirectly affect geological change and human life, such as mining, waste disposal, and agricultural practices; and the principles of origin, distribution, availability, environmental consequences of use, and exploration of the Earth’s mineral and water resources. Lecture three hours, laboratory two hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

GLY 1104. Water: Mountains to Sea (4).F.

GEN ED: Science Inquiry Perspective (Themes: “The Blue Planet” and “Global Environmental Change”)

A study of the interaction between terrestrial water and geological phenomena. The course applies the scientific method to the study of the continental components of the hydrologic cycle. It also focuses on the interaction of water with the rock and plate tectonic cycles. Lecture three hours, laboratory two hours.

(GEC 12/2008, F09; and revised at AP&P 1/13/10, F10)

GLY 1105. Oceanography (4).S.

GEN ED: Science Inquiry Perspective (Theme: “The Blue Planet”)

A study of physical, chemical, biological, and geological oceanography and their interrelationships.

Lecture three hours, laboratory two hours. (NUMERICAL DATA) (ND prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 3/20/09, S10; new course at AP&P 1/14/09, F09; and GEC 12/7/12, F13)

GLY 2301/AS 2301. The History of Coal from the Pennsylvanian to the Present (3).S.

GEN ED: Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

Coal has played a critical role in the history of the southern Appalachians. The geologic processes that formed coal and shaped the landscape into the steep ridges and hollows of the Appalachian coalfields have directly affected the human history of the region – from hunting in pre-colonial times, to settlement and subsistence farming in the 1800s, to mining and unionization in the 1900s, to mountaintop removal and natural gas/coalbed methane extraction in the last decade. This course covers the physical and chemical processes that form coal as well as the tectonic and geomorphologic processes that formed the landscape of the coalfields and shaped the agricultural practices of the early settlers. It examines the cultural history of coal mining and life in the company-owned coal camps and the political history of unionization through literature and film. The economics and environmental consequences of coal-fired power plants are discussed, and the environmental and occupational hazards associated with both underground and surface coal mining are analyzed from both a scientific and a sociological perspective. (Same as AS 2301.)

(GEC 1/30/09, F09; and revised at AP&P 10/06/10, F11)

GLY 2745. Preparation of Geologic Reports (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course provides instruction in various aspects of data collection, quantitative and qualitative analysis, and the preparation and presentation of written and oral geologic reports to standards of the profession. Topics include: survey of geologic literature and digital information retrieval services, research design, data management, ethics and safety. Data collection and mapping in the field is a major component of the course and vigorous hiking is required. Lecture three hours, laboratory three hours. Prerequisites: GLY 2250 and ENG 2001 or its equivalent. Open only to Geology majors and minors. (WRITING; SPEAKING; COMPUTER)

(GEC 1/30/09, F09)

GLY 4210. Geology Seminar (1).S.

GEN ED: Capstone Experience

Presentation and discussion of current topics, with emphasis on student projects, petrology, and surficial processes. Prerequisite: senior standing geology major.

(GEC 3/20/09, F09)

GRA 3622. Graphic Communications Seminar (1).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course involves the development of the mechanics of being a professional in the graphic arts industry. Specific topics include resumes, cover letters, interviewing, presentation techniques and report writing. Prerequisites: junior standing and ENG 2001 or its equivalent. (WRITING)

(AP&P 2/6/13, F13 and GEC 2/15/13, F13)

GRA 4900. Graphic Communications Internship II (1-6).On Demand.

GEN ED: Capstone Experience

A continuation of industry field experience with print or digital graphics media companies such as commercial printing, animation, prepress, flexography, gravure, offset lithography, screen printing, packaging, or finishing and fulfillment. Prerequisite: 30 hours of coursework in the major must be completed. Graded on an S/U basis. (Hours requirement for one credit hour is 160 hours, with 80 hours

required for each additional.) May be repeated for credit when content does not duplicate. This course satisfies the senior capstone requirement for the BS in Graphic Arts and Imaging Technology majors.

(GEC 1/30/09, F09; and revised at AP&P 4/29/09, S10)

GS 4403. Teaching Science in Middle and High Schools (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course is for the prospective middle/high school science teacher and it focuses on effective instructional strategies for teaching principles associated with major school science disciplines. Emphasis is placed on planning, science process skills, inquiry-based instruction, hands-on/minds-on activities, improvising materials, demonstrations, and assessment techniques. Special emphasis is also placed on the North Carolina Standard Course of Study and the National Science Education Standards. Secondary education majors will have at least 15 hours of teamed experience in public school classrooms as part of this course. It is STRONGLY ADVISED that all other requirements for licensure (except student teaching) be completed prior to this course. Lecture two hours, laboratory two hours. Prerequisite: ENG 2001 or its equivalent. (WRITING; SPEAKING; COMPUTER)

(GEC 2/26/10, F10; and new course at AP&P 2/03/10, F10)

GS 4404. The Meaning and Nature of Science (3).F.

GEN ED: Junior Writing in the Discipline (WID)

The goal of this course is to help students develop a sound understanding of the nature of science, the process of scientific inquiry, and the reciprocal relationship between science and society through a critical examination of the history of science since the Renaissance. Lecture three hours. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 2/26/10, F10; and revised at AP&P 2/03/10, F10)

HCM 4950. Seminar in Health Care Management (3).F;S.

GEN ED: Capstone Experience

This course integrates all HCM courses and other core courses through readings, case and scenario analyses, and small projects. The course requires students to apply the concepts of accounting, financial management, quality management, marketing, business planning, operations, strategic management, and public policy specifically to the unique environmental, regulatory, legal, ethical, and professional demands of the health care industry. Prerequisites: HCM 2110, HCM 3130, and final semester senior status, or permission of the instructor. (WRITING; SPEAKING)

(GEC 12/2008, F09; and new course at AP&P 2/04/09, F09)

HED 1000. Personal and Family Health (2).F;S.

GEN ED: Wellness Literacy

This introductory course is tailored to meet the needs of college students and the distinct health and behavioral issues that they face in a college environment. Emphases will be placed on developing communication, decision-making and goal-setting skills in the areas of sexual health, alcohol, tobacco and other drug choices, physical activity and diet, as well as improving psychological health. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 1/30/09, F09)

HED 2100. Introduction to Health Education (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course focuses on the discipline of health education, its foundation in theories of behavior change and prevention of health risks. The roles and competencies of health educators in schools, community, and clinical and worksite settings are described. Skills of needs assessment and community analysis are introduced. The Health Belief Model and models of diffusion, adoption and epidemiology are studied. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1110. History and Culture (3).F;S.

GEN ED: Historical Studies Designation; Aesthetic Perspective (Theme: "Traditions and Innovations")

An examination of selected themes in world or regional history with an emphasis on how products of creative expression have shaped, and been shaped by, their historical context. NOTE: HIS 1110 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1120. Society and History (3).F;S.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Cultural Diversity")

An examination of selected themes in world or regional history with an emphasis on the historical context of various social, political, cultural, and economic processes. NOTE: HIS 1120 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1130. Themes in Global History (3).F;S.

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Regions in Global Context")

An examination of selected themes in global history with an emphasis on the historical context of global issues, processes, trends, and systems as they have affected local regions. NOTE: HIS 1130 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1200. American History (3).F;S.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "This American Life")

This course will acquaint the student with the major developments of American history from pre-contact to post-modern eras. Emphasis will be given to the foundational political experiences of the American people and how political developments have been influenced and affected by social developments. Students will learn to apply analytical skills to the reading of primary texts representing the whole sweep of American history. Written expression will be emphasized. NOTE: HIS 1200 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1400. World Empires (3).F;S.

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Empire, Colonialism, and Globalization")

This course investigates how systems of power functioned on a global scale in the past. Students will discover, discuss, and write about how those systems came to be as well as what kind of society, culture, and world they have created. Students will also develop a clearer understanding not only of their individual role in such global interactions, but how events in one distant part of the world affect many other people around the globe. NOTE: HIS 1400 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1501. Revolution and Social Change in World History (3).F;S.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Revolutions and Social Change")

This course provides an analysis of significant revolutions and social movements in world history. These may be defined as political, social, cultural, scientific and technological. This course examines the events of these movements, as well as the philosophical/ideological ideas that shaped them. It also examines how these revolutions affected societies in a local and global context, and how they continue to affect the world in which we live today. NOTE: HIS 1501 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 2/26/10, F10; and new course at AP&P 2/03/10, F10)

HIS 1520. Honors: Patterns of Global History (3).F;S.

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Regions in Global Context")

An honors course examining selected themes in global history with an emphasis on the historical context of global issues, processes, trends, and systems as they have affected local regions. HIS 1520 cannot be repeated for credit and does not count toward the requirements for a History major or minor. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 2/26/10, F10; and new course at AP&P 2/03/10, F10)

HIS 1525. Honors: Problems in Global History (3).F;S.

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Regions in Global Context")

An in-depth examination of selected events, issues, systems, processes, or developments in global history, and their relationship to and effect upon local regions. Particular emphasis will be given to development of critical thinking skills appropriate to historical inquiry. HIS 1525 cannot be repeated for credit and does not count toward the requirements for a History major or minor. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 1600. Migration in World History (3).F;S.

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Origins and Migrations")

This course examines the role of human migration in world history. Starting with "peopling the planet" and using topics such as language diversity, diaspora, colonization and immigration, students will explore the dispersal of people, plants, animals, diseases, as well as cultural and technological diffusion. The emphasis is on evaluation of primary and secondary sources, development of analytical skills, and application of methods used in comparative histories clustered around these themes. Students have a semester long project of preparing their own family history that entails using data bases, oral interviews, and narrative writing that puts their own "local" history into the "global" context of the main events of the past century. NOTE: HIS 1600 DOES NOT COUNT TOWARD THE REQUIREMENTS FOR A HISTORY MAJOR OR MINOR. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09)

HIS 2312. Introduction to the Ancient Mediterranean World (3).F.Even-numbered years.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Ancient Worlds")

A survey of the Ancient Mediterranean, including Greece, the Hellenistic World, and Rome. Topics covered will include ancient art, philosophy, religion, and literature. (MULTI-CULTURAL) (CORE: SOCIAL SCIENCES)

(GEC 1/30/09, F09 as HIS 3000; changed to HIS 2800 at AP&P 2/03/10, F10)

HIS 2800. Writing History (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course is required for all History majors. The course uses a variety of primary and secondary sources to explore the ways history is researched and written. Prerequisite: ENG 2001 or its equivalent.

(WRITING)

(GEC 3/26/10, S11)

HIS 3524. World Economy: History and Theory (3).F.Even-numbered years.

GEN ED: Historical and Social Perspective (Theme: "Capitalism and Its Critics")

This course traces the development of the world economy to the present, focusing on the search for the determinants of economic success and the various solutions that have been offered. The long term changes in world income and population are quantified (mainly for the second millennium), the forces that explain the success of rich countries are identified, and the obstacles that hindered economic advance in lagging regions are explored. We will emphasize the interaction between empirical methods and interdisciplinary theories. The interaction between wealthy nations and the rest of the world is scrutinized to assess the degree to which backwardness may have been due to Western policy. Also, special emphasis will be placed on the analysis of government spending patterns and the economic impact of conflicts.

(GEC 12/2008, F09 and GEC 12/7/12, F13)

HIS 3726. History of the Appalachian Region (3).S.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

A survey of the history of the Appalachian region from the period of exploration and settlement to the present.

(WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

HIS 3823/MSL 3823. American Military History (3).F;S.Odd-numbered years. (SS1.Even-numbered years.)

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Empire, Colonialism and Globalization")

This course explores the American military experience from its origins in the colonial period to the present day. It is designed to view military history from a variety of angles, through multiple perspectives and formats, and to broaden students' views of the American military establishment. We will examine traditional military topics, such as strategy and tactics, and combat operations, as well as exploring "new military history" topics, such as the interaction between war and society, civil-military relations, and the social history of soldiers. We will also explore how political, social, and cultural factors have influenced the nature of warfare and the military institution in American history. (Same as MSL 3823.)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

HIS 3923. The Truth in History and the Truth of History (3).On Demand.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Mind")

The primary goal of this course is to help students understand how historians determine the truth in history. The class will use the example of a specific historical event. Students will examine reasoned arguments about truth, relevant social theories necessary for understanding social processes, and primary and secondary sources about the event in question. The class will integrate these materials to explore how historians determine the truth in history and the truth of history.

(GEC 1/30/09, F09 and revised at AP&P 4/4/12, F13)

HIS 4100. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

Variable content. In a seminar setting, students will investigate a broad topic, field, or period in history through intensive reading, research, and writing. Strongly emphasizes the examination and interpretation of primary and secondary sources, definition of a research topic, use of research methodology, and the understanding of issues and problems in research. A minimum grade of “C” in the HIS 4100 Senior Seminar is required to complete the History major. Prerequisites: HIS 2800; and History major with senior standing and a minimum of three semester hours in history at the 3000-level, or permission of the instructor. (WRITING; SPEAKING)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

HIS 4510. Senior Honors Thesis (3).On Demand.

GEN ED: Capstone Experience

Composition of an honors thesis; directed by a member of the history department. Prerequisite: HIS 4509. Enrollment by qualified applicants only.

(Per GEC Memo of Understanding 12/4/08, F09)

HON 1515. Freshman Honors Seminar (3).F;S.

GEN ED: First Year Seminar

An interdisciplinary special topics course taught by one or two professors. This Honors course is equivalent to UCO 1200 (First Year Seminar). Students may not receive credit for both UCO 1200 and HON 1515. Instructors and content vary; may be repeated for credit when content does not duplicate. (CROSS-DISCIPLINARY) (WRITING; SPEAKING; MULTI-CULTURAL; NUMERICAL DATA; and/or COMPUTER: approved on a semester-by-semester basis.) (CORE: HUMANITIES/SOCIAL SCIENCES (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.))

(GEC 12/2008, F09)

HP 1105. Health and Fitness (2).F;S.

GEN ED: Wellness Literacy

Emphasis on health and fitness trends in America, fitness and health testing concepts, exercise prescription, nutrition principles, prevention and treatment of chronic diseases such as heart disease, obesity, cancer, diabetes mellitus, and osteoporosis, the relationship between health habits and aging and psychological health, stress management, and precautions in exercise. Each student will have their health and physical fitness status tested, including results on personal cardiorespiratory, body composition, and musculoskeletal fitness status, and personal diet, heart disease, health age, and stress profiles. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 1/30/09, F09)

HP 2100. Health Program Planning and Evaluation I (3).F.

GEN ED: Junior Writing in the Discipline (WID)

Provides an in-depth overview of health program planning and evaluation for all health promotion settings - community, schools, clinical, and worksite. Specifically, students will study how to assess individual and community needs for health promotion, plan and implement effective health promotion programs, evaluate the effectiveness of health promotion programs, and coordinate the provision of health promotion services. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

HP 4900. Internship (3–12).F;S.

GEN ED: Capstone Experience

Students are placed in a variety of health related agencies such as health departments, community action

agencies, community mental health centers, educational institutions, wellness programs, hospitals, industrial/business settings, etc. for part or all of a semester or summer, under the direction of the health internship coordinator. The student surveys agency functions, completes a project and writes a final paper under the supervision of a health educator or health related person. Prerequisite: senior standing. Graded on an S/U basis.

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

IDS 2000. This Grand Experiment: An Introduction to American Studies (3).F.

GEN ED: Historical and Social Perspective (Theme: "This American Life")

Since the 1930s, scholars have been studying the core values and ideas that define American (U.S.) culture. American Studies scholars integrate ideas and methods from a diverse array of disciplines in examining what it is that makes this place and its people "American." In this course, students will review the roots of American Studies and the concepts of exceptionalism, multiculturalism, and transnationalism, which have characterized how U.S. culture is perceived both here and abroad. Embedded in these concepts are physical, economic, political, and demographic characteristics that have historically defined and continue to define "America."

(AP&P 12/7/11, F12, AP&P 2/1/12, and GEC 1/20/12, F12)

IDS 2200. Race and Resistance: Perspectives on African Americans in the Jim Crow South (3).S.

GEN ED: Historical Studies Designation; Historical and Social Perspective (Theme: "Revolutions and Social Change")

Race remains one of America's central organizing principles. This course will explore how African Americans in the South, following the Civil War, struggled against white supremacy in their politics and in their culture, in the process creating perhaps our nation's most successful non-violent campaign for social change, the Civil Rights Movement. To do this, we will explore the African American experience from a variety of disciplinary perspectives: scholars from different disciplines, students will come to understand, can approach the past very differently. Students will also become acquainted with popular aspects of African American culture, such as jazz, blues, dance, religion and food. During the course of the semester, students will design their own research projects, integrating knowledge drawn from a variety of disciplinary approaches and methods, presenting their research in both written form and other media.

(GEC 12/2008, F09)

IDS 2210. Bodies, Places, Spaces, Times, and Things (3).S.

GEN ED: Aesthetic Perspective (Theme: "The Body: Expression, Presentation, and Representation")

Inquiring into the ways in which humans create, transmit and transform meaning materially, this course investigates the physical dimensions of human being - bodies (our own and others'), places, spaces, times, and things - exploring how dimensions of physical existence common to the human species bear variable meanings across personal and cultural boundaries. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES or SOCIAL SCIENCES)

(AP&P 12/1/10, F11 and GEC 4/15/11, F11)

IDS 2302. Freudian Dreams (3).S.

GEN ED: Aesthetic Perspective (Theme: "Creative Expressions of Culture")

This course provides an introduction to dreams and psychoanalytic theory through a study of Sigmund Freud's influential book: *The Interpretation of Dreams*. The history of thought surrounding dreams, the creative process of dreaming and the transformation of thoughts and words into images, as well as the psychoanalytic interpretations of the social, sexual, and cultural meanings to be found in dreams will be examined and explored. Students will also be introduced to the idea of Freud as critique, as well as to some critiques of Freud's approach to dreams.

(GEC 1/30/09, F09)

IDS 3000. Histories of Knowledges (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces central concerns of interdisciplinary studies through analyses of histories of knowledge

production, definition, and categorization, cultural derivations and influences on what we know, the significance of paradigms and media, and the importance of perspective and situation in shaping what we define as knowledge. Prerequisite: ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY)

(AP&P 12/7/11, F12 and GEC 1/20/12, F12)

IDS 3010. H2O: We Are Water (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Global Resources")

Water is studied in disciplines ranging from art to zoology. The hydrologic cycle functions on a global scale but has local impacts. This interdisciplinary course will look at water policy and how we manage water resources; who gets water, for what purpose; and the impacts of these decisions on the resource. It will discuss the ways we use water, abuse it, revere it, ignore it, and fight over it. In the US, our quality of life is entirely dependent on cheap, plentiful, clean water. We use it in vast quantities to produce power, grow food, and protect our health. Globally, demands for water continue to increase. The class will cover the intersections among our scientific understanding of water flows, our technological developments, and our policy approaches toward this elemental resource, locally and globally.

(GEC 3/18/11, F12; and new course at AP&P 2/09/11, F11)

IDS 3210. Exploring the Documentary Form (3).F.

GEN ED: Aesthetic Perspective (Theme: "How We Tell Stories")

The course offers students a chance to learn the fundamentals of non-fiction story telling. Students will research a topic, and then develop a video, audio, or photographic documentary that uses their research to tell a compelling story. During this course, students will learn a range of techniques that bridge academic disciplines: how to use both primary and secondary sources for research, writing skills to structure their documentaries, visual communication techniques to translate their writing into images, and editing skills to clearly communicate their story.

(GEC 12/2008, F09)

IDS 3260. Creativity: An Introduction (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Mind")

An interdisciplinary and cross-cultural investigation of creativity as an individual, social, cultural, and natural phenomenon. Although often associated with artistry, creativity contributes to the development of all academic and professional disciplines and is an important component in non-academic culture and in individual life. The concept of creativity has deep roots in Western culture (going back at least to Augustine), and the cross-disciplinary study of creativity has burgeoned in the United States since WWII. The class will explore: the history of the concept of creativity; creativity and self-fulfillment; psychological, anthropological, and sociological theories of creativity; practices claiming to enhance creativity; and case studies of creative individuals and creative breakthroughs.

(GEC 12/2008, F09)

IDS 3261. Sustainability, Religion, Spirituality (3).S.

GEN ED: Historical and Social Perspective (Theme: "Religion, Myth, and Society")

Debate has raged among scholars, activists, and members of religious communities about the role(s) of religion and of specific religions in fostering unsustainability and in achieving sustainability. As part of this debate, some have proposed the existence and importance of a spirituality unconnected with historical or new religions as a key component of moving toward sustainability. This course provides an interdisciplinary introduction to these questions both in their historical and contemporary forms.

(GEC 1/30/09, F09)

IDS 4550. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

In this class, students will have the opportunity to draw together the diverse strands of their interdisciplinary studies, reflect on the connections among these strands, and produce an in-depth senior project focusing on their concentration within the major. Students will have the opportunity to reflect on methodology - how one brings together data, methods and practices from diverse disciplines, both academic and non-academic.

Students will be asked to present and discuss aspects of projects in class and present their final projects in a public forum to students and faculty. The final portfolio is to be turned in to the student's Senior Seminar professor before the end of the student's last semester. Prerequisites: senior standing and IDS 3000 and IDS 3150. Corequisite or prerequisite: IDS 3300 or IDS 3700, or consent of the instructor. (WRITING; SPEAKING; CROSS-DISCIPLINARY; COMPUTER)

(GEC 3/20/09, S10; and new course at AP&P 1/14/09, F09)

IND 2012. Product Design (3).F;S.

GEN ED: Aesthetic Perspective (Theme: "Shaping the Human Environment")

This is an introduction to product design and problem-solving techniques. Emphasis is given to history of industrial design, methods for communicating design ideas, systematic design, product design specifications, corporate strategies in planning product innovations, fundamentals of materials and manufacturing processes used in the mass production of consumer products. Students will write multiple reports and give oral presentations throughout the semester. Selected assignments from this course will be appropriate for inclusion in student portfolios. Lecture three hours. (WRITING; SPEAKING)

(Revised at AP&P 1/18/12, F12 and GEC 1/20/12)

IND 3701. Product Design Studio I (4).F.

GEN ED: Junior Writing in the Discipline (WID)

This course will begin the more intensive development of a design process methodology for the design student. Communication of this process will be a primary focus through the documentation and presentation of all work throughout the semester. Students will have a series of design projects providing opportunities to explore various materials and processes, as well as addressing contemporary design issues and design theory. Potential projects may include furniture design, exhibit design, improving the ergonomics of existing products, and package design. Prerequisites: IND 1010, IND 2120, ENG 2001 or its equivalent, IND 2411 or IND 2421, and declared major in Industrial Design. Studio eight hours. (WRITING)

(GEC 3/20/09, F09)

INT 3320. Environment and Human Behavior (3).S.

GEN ED: Junior Writing in the Discipline (WID)

Explores interrelationships between human behavior and the built-environment. Emphasizes synthesis of empirical research, analysis, mapping, design guidelines, programming, written documentation, and post-occupancy-evaluations. Study may include proxemics, human factors, social behavior, stressors and other prominent areas of research. Analysis may include residential or commercial spaces. Current topics may include placemaking, global issues, culture, defensible space. Prerequisites: completion of the Freshman Portfolio Review and ENG 2001 or its equivalent. Lecture three hours. (WRITING)

(GEC 3/20/09, F09)

INT 4900. Internship (4).SS.

GEN ED: Capstone Experience

Prerequisites: all 3000-level interior design coursework. Graded on an S/U basis.

(GEC 12/2008, F09)

JPN 1050. Intermediate Japanese II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of JPN 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: JPN 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 1/30/09, F09 and FL changed to LLC at AP&P 12/7/11, F12)

LLC 1000. English for International Students (3).F.

GEN ED: First Year Writing

Listening, speaking, reading and writing English for advanced students whose first language is not English.

Emphasis on communication in a variety of academic and social settings. This course is self-paced to enable the student to concentrate on individual needs and problem areas. In addition to class meetings, students will be assigned a tutor to assist them with assignments.

(GEC 12/2008, F09 and FL changed to LLC at AP&P 12/7/11, F12)

LLC 2025. Literature in Translation (3).F;S.

GEN ED: Literary Studies Designation; Aesthetic Perspective (Theme: "How We Tell Stories")

A study of various literatures in translation, from the medieval through the modern period, focusing on the language and culture areas featured in departmental offerings. Course content will vary and may concentrate on poetry, fiction, drama, or a combination. (MULTI-CULTURAL) (CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09; revised at AP&P 3/04/09, F09; and FL changed to LLC at AP&P 12/7/11, F12)

LLC 2050. Say What? Language in Mind and Society (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Mind")

An exploration of the issues surrounding human language and its relationship with thought, cognition and culture. Students will have the opportunity to learn how the sounds, structures and meanings of human languages are produced and interpreted, and will explore variation among world languages as well as the relationship among language, society, and culture. Different theoretical approaches to these issues will be explained. The course will also examine the interaction between language and mind and the neurological basis of human language, and will look at the application of linguistic principles in language learning and artificial intelligence.

(GEC 12/2008, F09; and revised at AP&P 2/04/09, F09)

MAT 1010. Introduction to Mathematics (4).F;S.

GEN ED: Quantitative Literacy

This course is an introduction to mathematical problem solving. Emphasis is on the development of conceptual understanding rather than on computational drill. Using appropriate computational tools, including computers, is fundamental to the course. All sections cover personal finance and consumer statistics. One or two additional modules come from such disciplines as ecology, art, music, astrophysics, cryptology, resource allocation, construction, and election theory. MAT 1010 is not open to students with credit for MAT 1020, MAT 1025, MAT 1030, or MAT 1110. (CROSS-DISCIPLINARY; NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.) (CORE: MATHEMATICS)

(GEC 12/2008, F09)

MAT 1020. College Algebra with Applications (4).F;S.

GEN ED: Quantitative Literacy

A study of the algebraic concepts and their applications. Topics include algebraic relations and functions, equations, exponents and logarithms, inequalities, linear programming, and elementary probability. Problem solving will be emphasized throughout. Not open to students who have credit for MAT 1025, MAT 1030 or MAT 1110. Not appropriate preparation for MAT 1110. Prerequisite: must pass placement test or MAT 0010. (NUMERICAL DATA) (CORE: MATHEMATICS) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

MAT 1025. Algebra and Elementary Functions (4).F;S.

GEN ED: Quantitative Literacy

An overview of algebraic concepts and a thorough treatment of functions such as rational, logarithmic, exponential, and trigonometric. Included will be a rigorous treatment of analytic geometry. Recommended for students with less than four units of high school mathematics who plan to take MAT 1110. Students may not receive credit for MAT 1020 after receiving credit for MAT 1025. Not open to students who have credit for MAT 1110. Prerequisite: must pass placement test or MAT 0010. (NUMERICAL DATA) (CORE: MATHEMATICS) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

MAT 1030. Calculus With Business Applications (4).F;S.

GEN ED: Quantitative Literacy

An introduction to the concepts of differentiation and integration with particular emphasis upon their applications to solving problems that arise in business and economics. This course is designed primarily for business and economics majors and is not open to mathematics majors or students with credit for MAT 1110. Prerequisite: MAT 1020 or MAT 1025 or equivalent. (NUMERICAL DATA; COMPUTER) (CORE: MATHEMATICS) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

MAT 1110. Calculus With Analytic Geometry I (4).F;S.

GEN ED: Quantitative Literacy

A study of limits, continuity, differentiation, applications of the derivative, the differential, the definite integral, the fundamental theorem, and applications of the definite integral. Prerequisite: MAT 1025 (with a grade of "C-" or higher) or equivalent. (NUMERICAL DATA) (CORE: MATHEMATICS) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 1/30/09, F09; and revised at AP&P 3/03/10, S11)

MAT 3030/CI 3030. Investigating Mathematics and Learning (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course prepares prospective teachers to construct a comprehensive understanding of effective mathematics instruction in grades K-6 with selected instructional activities designed for implementation during field placement experiences. The course includes content, methods, and materials of elementary school mathematics instruction. Topics include the content strand number and operations and process strands connections, communication, problem solving, reasoning and proof, and representation. The course emphasizes instructional design principles for teaching number and operation. Effective communication of mathematical ideas is a focal point of the course. Prerequisites: MAT 2030 and ENG 2001 or its equivalent. (Same as CI 3030.) (WRITING)

(GEC 3/20/09, F09 and revised at AP&P 12/7/11, F12)

MAT 3110. Introduction to Modern Algebra (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Topics covered include equivalence relations, groups, subgroups, homomorphisms, isomorphisms, and a survey of other algebraic structures such as rings, integral domains, and fields. Prerequisites: MAT 2110 or MAT 2510, and ENG 2001 or its equivalent. Corequisite: MAT 2240. (WRITING)

(GEC 3/20/09, F09 and revised at AP&P 12/7/11, F12)

MAT 3220. Introduction to Real Analysis I (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A treatment of the calculus of functions of real variables including sequences, limits of functions, continuity and differentiation. Prerequisites: MAT 2110 or MAT 2510, and ENG 2001 or its equivalent. (WRITING)

(GEC 3/20/09, S10; new course at AP&P 4/29/09, S10; and revised at AP&P 4/4/12, F13)

MAT 4040. Mathematics Capstone (1).F;S.

GEN ED: Capstone Experience

MAT 4040 satisfies the general education capstone requirement for mathematics majors with concentrations other than education. Students will explore current, relevant, or advanced undergraduate topics in mathematics and the relationships of mathematics with other fields. Oral and written communication skills are emphasized. Prerequisites: either MAT 3110 or MAT 3220, and senior standing in mathematics or permission of the instructor.

(GEC 3/20/09, F09; and revised at AP&P 4/29/09, S10)

MAT 4330. Senior Seminar in Actuarial Sciences (3).S.

GEN ED: Capstone Experience

A course designed to provide majors in Actuarial Sciences the opportunity to study actuarial problems from a variety of sources. The emphasis will be on the oral and written presentation of results. The course should prepare the student for making the transition from academic courses to actuarial practice. Students taking this course should have completed most of the Actuarial Sciences curriculum. Students are also encouraged to register for at least one Society of Actuaries professional exam during this course. Prerequisite: MAT 3330. Corequisite: STT 4865. (WRITING)

(GEC 3/20/09, F09)

MAT 4510. Senior Honors Thesis (3).F;S.

GEN ED: Capstone Experience

Independent study and research. Thesis directed by a member of the Department of Mathematical Sciences. Prerequisites: completion of MAT 3510 and a 3.45 GPA in mathematics. Enrollment by invitation of the departmental honors committee. (WRITING)

(GEC 3/26/10, S11; and new course at AP&P 11/3/10, F11)

MGT 3040. Child Labor in Global and Historical Perspectives (3).S.

GEN ED: Historical and Social Perspective (Theme: "Capitalism and Its Critics")

Child labor is a complex social and economic problem in the less-developed nations of the world today. Yet, we know of no industrially advanced nation that did not go through its own "dirty phase" of pervasive use of child labor. This course examines child labor from both historical and contemporary global perspectives.

(GEC 1/21/11, F11; and revised at AP&P 4/6/11, F11)

MSL 1101. Army Physical Fitness (2).F;S.

GEN ED: Wellness Literacy

This course trains students in the physical fitness standards identified by the U.S. Army. This includes education on how constructive personal choices promote fitness, health, and wellness. The course prepares Army ROTC cadets to meet and exceed the physical requirements of the Army, but is also open to non-ROTC students. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

MSL 3823/HIS 3823. American Military History (3).F;S.Odd-numbered years. (SS1.Even-numbered years.)

GEN ED: Historical Studies Designation; Local to Global Perspective (Theme: "Empire, Colonialism and Globalization")

This course explores the American military experience from its origins in the colonial period to the present day. It is designed to view military history from a variety of angles, through multiple perspectives and formats, and to broaden students' views of the American military establishment. We will examine traditional military topics, such as strategy and tactics, and combat operations, as well as exploring "new military history" topics, such as the interaction between war and society, civil-military relations, and the social history of soldiers. We will also explore how political, social, and cultural factors have influenced the nature of warfare and the military institution in American history. (Same as HIS 3823.)

(GEC 12/2008, F09; and revised at AP&P 12/03/08, F09)

MUS 2011. Analyzing Style and Form: Music (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Analyzing Style and Form")

A nontechnical course for students with little or no musical background. Emphasis is placed on the style and form of music as perceived by the listener. Lecture three hours. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 11/19/10, Smr11)

MUS 2014. Jazz Music in American Society (3).F;S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Theme: "This American Life")

Jazz may be the United States' only original contribution to music. Due to its comparatively recent emergence as a recognized art form, a great deal of confusion exists as to the meaning, origins, development, and the place of jazz relative to other areas of music. This course will define jazz as precisely as possible and show its evolution in the historical background of the United States. Lecture three hours. (CORE: HUMANITIES)

(GEC 1/21/11, Smr11; and revised at AP&P 1/19/11, F11)

MUS 2015. History of Rock Music (3).F;S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Theme: "Revolutions and Social Change")

Study of musical groups, soloists and styles related to the evolution of this genre, and on related social, historic and political events. Pre-rock influences and rock music from the late 1940s through significant developments of the late twentieth century. Lecture three hours. (CORE: HUMANITIES)

(GEC 12/2008, F09 and GEC 12/7/12, F13)

MUS 2016/AS 2016. Appalachian Music (3).F;S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

A survey of Appalachian music including both instrumental and vocal styles, older traditions and newer regional forms. Students will have opportunities to develop musical skills through hands-on class projects and activities. Lecture three hours. (Same as AS 2016.) (CORE: HUMANITIES)

(GEC 12/2008, F09 and GEC 1/20/12, F12)

MUS 2018. Introduction to World Music (3).F;S.

GEN ED: Fine Arts Designation; Local to Global Perspective (Themes: "Performance of Culture" and "Identity, Culture and Media")

A survey of musics representing international cultures. Emphasis is placed on the role of music in various life experiences. Lecture three hours. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09; and new course at AP&P 11/05/08, F09)

MUS 2022. Cultivating Creative Expression Through Music (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Cultivating Creative Expression")

Students will create works of music using various media, reflecting on the creative process, the influence of culture, and the dynamic and reciprocal interactions among the artist, instructor, and student. Lecture/studio three hours. (CORE: HUMANITIES)

(GEC 11/20/09 for HSP-T and GEC 2/26/10 for FAD, F10; new course at AP&P 1/13/10, F10)

MUS 2023. Music and Gender (3).S.

GEN ED: Fine Arts Designation; Historical and Social Perspective (Theme: "Cultural Diversity")

An investigation of the social constructions of gender and how they are reflected in music. Topics will include how gender constructions operate in compositional, performance and teaching practices.

(GEC 2/18/11, F12)

MUS 2420. Music Merchandising and Entrepreneurship (3).S.

GEN ED: Junior Writing in the Discipline (WID)

A core course for Music Industry Studies majors providing an in-depth exploration of music merchandising. Content will include music products manufacturing, wholesaling, retailing, music publishing and product services. Basic business concepts will be introduced as they relate to entrepreneurship opportunities in this field. Course delivery will include guest lecturers from the industry and field trips to appropriate businesses. Lecture three hours. Prerequisites: MUS 1420 and ENG 2001 or its equivalent. (WRITING; SPEAKING)

(GEC 11/20/09 for AP-T and GEC 2/26/10 for HSD, F10)

MUS 2611. Music History and Style I (2).F.

GEN ED: Historical Studies Designation; Aesthetic Perspective (Theme: "Traditions and Innovations")

An overview of the stylistic tendencies throughout Western music history and an examination of the development of Western notated music and musical style as revealed through studies of social influences, biographical figures, and notated musical scores from ancient times to mid-seventeenth century. (MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/MUSIC MAJORS ONLY)

(GEC 11/20/09 for AP-T and GEC 2/26/10 for HSD, F10)

MUS 2612. Music History and Style II (2).S.

GEN ED: Historical Studies Designation; Aesthetic Perspective (Theme: "Traditions and Innovations")

An examination of the development of Western notated musical style as revealed through studies of social influences, biographical figures, and notated musical scores from the mid-seventeenth century to the mid-nineteenth century. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/MUSIC MAJORS ONLY)

(GEC 11/19/10, F11)

MUS 2613. Survey of Western Music (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Social Change Through the Arts")

A survey of Western music from the Renaissance through the 20th century. Emphasis is placed on style and form of music as perceived by the listener. Lecture three hours. (CORE: HUMANITIES/MUSIC MAJORS ONLY)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

MUS 2615. Music and Propaganda (3).S.Alternate years.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Identity, Culture and Media")

This course is designed to examine ways in which music has historically been used internationally to enhance/intensify various aural and visual forms of propaganda. Although specific cases such as those in Nazi Germany, Communist China, and the Soviet Union are explored, the broader scope of the course also addresses the concepts of patriotism, promotion, protest, and manipulation.

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

MUS 2616. Cuban Music and Culture (3).S.Alternate years.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Identity, Culture and Media")

This course is designed to explore the music of Cuba as it has both reflected and shaped culture throughout Cuban history from the pre-Columbian era to the early twenty-first century. Of particular interest is the evolution of Cuban music during the twentieth century as it was appropriated and propagandized for economic and political purposes, as well as the development of Cuban music video accessible via the internet.

(GEC 2/20/09, F09)

MUS 3002. Music Theory V (2).F;S.

GEN ED: Junior Writing in the Discipline (WID)

A continuation of MUS 2002 (Music Theory IV). The study of common-practice forms is concluded. Twentieth-century compositional practices and techniques are studied. Prerequisites: MUS 2002 (Music Theory IV) and MUS 2008 (Aural Skills IV) with a minimum grade of "C-" (1.7) in each course; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09 for WID, F09; GEC 11/20/09 for AP-T, F10; GEC 2/26/10 for HSD, F10; revised at AP&P 12/03/08, F09; and GEC 9/24/10 to remove WID, F10)

MUS 3611. Music History and Style III (2).F.

GEN ED: Historical Studies Designation; Aesthetic Perspective (Theme: "Traditions and Innovations")

An examination of the development of Western notated music and musical style as revealed through studies of social influences, biographical figures, and notated musical scores from the mid-nineteenth century to the present. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/MUSIC MAJORS ONLY)

(GEC 1/30/09, F09; new course at AP&P 12/03/08, F09; and revised at AP&P 1/18/12, F12)

MUS 4800. Clinical Research Project in Music Therapy (1).F;S.

GEN ED: Capstone Experience

Supervised clinical research project in music therapy. Prerequisites: MUS 3070, MUS 3072, MUS 3900 (4 s.h.), and PSY 3100, with a minimum grade of “C” (2.0) in each. Music Therapy majors must earn a grade of “C” or better in this course in order to be eligible for MUS 4901 (Internship in Music Therapy).

(GEC 1/30/09, F09)

MUS 4900. Internship in Music Industry Studies (12).F;S.

GEN ED: Capstone Experience

The internship will be completed under the sponsorship of a music business that focuses on one of the following: music products, music recording, or music management and promotion. The prospective intern and the internship director will select the internship site. The intern will be in weekly contact with the director during the internship. Graded on an S/U basis.

(GEC 2/20/09, F09 and revised at AP&P 1/16/13, F13)

NUR 3011. Concepts of Professional Nursing (4).F.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces an expanded knowledge about nurses as members of the profession, providers of care, and coordinators, designers, and managers of care related to differentiated practice. Nursing history, process, and roles are explored. Students receive an introduction to theory, practice, and research concepts. Evidence-based and community-based nursing are introduced along with critical thinking. The nursing process and principles that guide practice are explicated. Nursing trends and issues are identified. Lecture four hours. Prerequisites: admission to the online RN to BSN degree program; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/21/11, F11 and revised at AP&P 1/16/13, F13)

NUR 3124. Foundations of Professional Nursing (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course explores the role of the professional nurse as provider of care; designer, coordinator, and manager of care; and member of a profession. Nursing history and processes are discussed. Students receive an introduction to theory, practice, and research concepts. Evidence-based practice, research, critical thinking, and ethical/legal principals are introduced. The nursing process and principles that guide practice are analyzed. Lecture three hours. Prerequisites: admission to the BSN degree program; and ENG 2001 or its equivalent. (WRITING)

(GEC 2/20/09, F09; revised at AP&P 12/01/10, F11; and revised at AP&P 1/16/13, F13)

NUR 4032. Professional Nursing Synthesis (5).F;S.

GEN ED: Capstone Experience

This capstone course is a synthesis of knowledge, theories, and clinical experiences from course work throughout the nursing major. Students develop learning contracts incorporating the roles of provider of care, designer, manager, and coordinator of care, and the member of the profession. The course consists of 120 clinical hours and 30 hours of clinical conference. Prerequisite: admission to the online RN to BSN degree program.

(GEC 1/21/11, F11 and revised at AP&P 1/16/13, F13)

NUR 4130. Professional Nursing Capstone (3).S.

GEN ED: Capstone Experience

This capstone course is offered over a 7½ week block and is designed to prepare students for professional nursing practice in the role of a generalist. The course includes 18 hours of clinical per week for 7 weeks plus 9 hours of laboratory simulation for a total of 135 contact hours. Students are provided an opportunity to integrate knowledge and skills from previous coursework and experiences in order to demonstrate how successfully and to what extent they have achieved course and program outcomes. Students meet this expectation through a) developing learning contracts tailored to their own learning needs and interests, and b) engaging in activities that display a mastery of previous learning applied to new situations. Students will assume the following nursing roles: provider of care; designer, coordinator,

and manager of care; and member of a profession. Prerequisite: admission to the BSN degree program. Graded on an S/U basis.

(GEC 12/2008, F09; and FCS changed to NUT 2202 at AP&P 1/13/10, F10)

NUT 2202. Nutrition and Health (3).F;S.

GEN ED: Wellness Literacy

Application of basic nutrition principles to the prevention of disease and the promotion of health. The wellness perspective is integrated in the course through the following topics: chronic diseases, health risk assessment, decision making, health behavior change, wellness planning and evaluation, and literature evaluation. Lecture three hours. (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 12/2008, F09; and FCS changed to NUT 2351 at AP&P 1/13/10, F10)

NUT 2351. Global Nutrition: Emerging Health Challenges (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Global Resources")

This course will examine global nutritional issues as they pertain to health and incidence of disease, integrating social, biological, political, economic, and environmental factors. The relationship of nutrition and global health to diverse aspects of globalization and economic development will be explored. Specific issues include hunger and obesity, infant mortality and elder health, nutritional programs and agencies, local to global food markets, and meat versus plant food sources. Students will gain the ability to accurately evaluate the food and health issues of a specific country or region. Lecture three hours.

(GEC 2/26/10, F10 and revised at AP&P 1/18/12, F12)

NUT 4200. Advanced Nutrition I (3).S.

GEN ED: Junior Writing in the Discipline (WID)

The role of nutrients at the specialized cellular level. Emphasis on intermediary metabolism of carbohydrates, proteins and fats. Scientific planning of adequate dietaries for normal individuals of different economic levels as related to health and efficiency. Lecture three hours. Prerequisites: NUT 3205, CHE 2101, CHE 2102, and ENG 2001 or its equivalent. (WRITING)

(GEC 2/26/10, F10; and revised at AP&P 2/09/11, F11)

NUT 4900. Internship (1-12).F;S.

GEN ED: Capstone Experience

Field experience or employment in the area of the student's interest: dietetics (experience will be obtained in clinical, foodservice, and community) or foodsystems management. Supervision and evaluation by the employer and the faculty member.

Prerequisites:

- A. 2.00 overall grade-point average
- B. College rank: seniors (90 s.h. completed toward degree)
- C. Major courses completed:
 1. Dietetics:
 - a. Community - Prerequisites: NUT 3205, NUT 4560
 - b. Foodservice - Prerequisites: NUT 2203, NUT 3202; Pre- or Corequisites: NUT 4504, NUT 4509
 - c. Clinical - Prerequisite: NUT 4250
 2. Foodsystems Management: NUT 2202, NUT 2203, NUT 3202, NUT 4504, NUT 4509
- D. Internship proposal fully approved

Graded on an S/U basis. Contact hours requirement for three credit hours is 150 hours with 50 hours required for each additional credit.

(GEC 1/21/11, F11 and revised at AP&P 1/16/13, F13)

PE 1530-1545. Selected Topics (1-4).On Demand.

GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)

(PE courses 1700-1877 approved by GEC 12/2008, F09 and revised at AP&P 12/03/08, F09)

PE 1700. Swimming for Nonswimmers (1).F;S.

GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)

PE 1702. Beginning Swimming (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1703. Intermediate Swimming (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1704. Advanced Swimming (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1705. Open Water SCUBA Diving (1).F;S. (Fee charged)***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1706. Advanced Open Water SCUBA Diving (1).F;S. (Fee charged)***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(GEC 1/29/10, F10; and new course at AP&P 2/03/10, F10)

PE 1709. Water Aerobics (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(GEC 1/29/10, F10; and new course at AP&P 2/03/10, F10)

PE 1712. Swimming for Fitness (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PE 1714. Water Polo (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 2/9/11, F11)

PE 1718. Lifeguarding and Water Safety (3).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PE 1720. Hiking (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1721. Backpacking/Orienteering (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1724. Canoeing (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 1/16/13, F13)

PE 1727. Fly Fishing (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 12/7/11, F12)

PE 1730. Rock Wall Climbing (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

PE 1733. Mountain Biking (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

PE 1734. Intermediate Mountain Biking (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

PE 1740. Physical Education for the Disabled (1).On Demand.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1742. Aerobics (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1743. Intermediate Aerobics (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1745. Jogging/Conditioning (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 1/16/13, F13)

PE 1748. Tai Chi (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1751. Yoga (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

PE 1752. Intermediate Yoga (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1754. Weight Training (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1755. Intermediate Weight Training (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

PE 1759. Indoor Cycling (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 2/9/11, F11)

PE 1768. Group Fitness Instructor Training (3).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(Revised at AP&P 2/9/11, F11)

PE 1769. Personal Trainer Training (3).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1770. Self-Defense (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1775. Fencing (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)***PE 1790. Basketball (1).F;S.***GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

(AP&P 1/18/12, F12 and GEC 12/9/11, F12)

PE 1791. Intermediate Basketball (1).F;S.*GEN ED: Wellness Literacy (CORE: PHYSICAL ACTIVITY/WELLNESS)*

PE 1793. Field Hockey (1).F;S.*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PE 1795. Flag Football (1).F;S.*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PE 1800. Disc Games (1).F;S.*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1802. Soccer (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1810. Badminton (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1819. Racquetball (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1820. Intermediate Racquetball (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(Revised at AP&P 12/7/11, F12)

PE 1822. Tennis (1).F;S.*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1823. Intermediate Tennis (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1825. Volleyball (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)**PE 1840. Softball (1).F;S.***GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(Revised at AP&P 12/7/11, F12)

PE 1873. Alpine Skiing (1).S. (Fee charged)*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(Revised at AP&P 12/7/11, F12)

PE 1874. Intermediate Alpine Skiing (1).S.(Fee charged)*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(Revised at AP&P 12/7/11, F12)

PE 1876. Alpine Snowboarding (1).S. (Fee charged)*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(Revised at AP&P 12/7/11, F12)

PE 1877. Intermediate Alpine Snowboarding (1).S. (Fee charged)*GEN ED: Wellness Literacy* (CORE: PHYSICAL ACTIVITY/WELLNESS)

(GEC 1/30/09, F09)

PE 3003. Planning, Implementation, and Assessment of the Elementary Curriculum (3).F;S.*GEN ED: Junior Writing in the Discipline (WID)*

This course is designed to prepare prospective physical education teachers to instruct elementary school-aged

children. Students should learn to plan, implement, and assess developmentally appropriate pedagogical practices in physical education related to the cultivation of physically educated school-aged children. The application of pedagogical concepts will take place in clinical or field-based laboratory experiences. Prerequisites: PE 2015, PE 2115, PE 2116, PE 3002 and ES 2015 with a grade of “C” or higher in each; and ENG 2001 or its equivalent. (WRITING)

(GEC 12/2008, F09)

PE 3008. Planning, Implementation, and Assessment of Health Related Fitness (3).F;S.

GEN ED: Wellness Literacy

Prospective physical education teachers will participate as pupils in a Health Related Fitness instructional unit. There will be an emphasis on curriculum development as well as design, implementation and analysis of an instructional unit. The application of pedagogical concepts will take place in clinical or field-based laboratory experiences. Prerequisites: PE 2015, PE 2115, PE 2116, PE 3002 and ES 2015 with a grade of “C” or higher in each. (CORE: PHYSICAL ACTIVITY/WELLNESS/For Physical Education Teacher Education Majors Only)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHL 1501. Everyday Philosophy: Historical and Social Perspectives (3).F;S.

GEN ED: Historical and Social Perspective (Theme: “Mind”)

An introduction to special problems, topics, or issues in philosophy from historical and social perspectives. The subject matter of this course will vary. (CORE: HUMANITIES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHL 1502. Everyday Philosophy: Aesthetic Perspectives (3).F;S.

GEN ED: Aesthetic Perspective (Theme: “How We Tell Stories”)

An introduction to special problems, topics, or issues in philosophy from aesthetic perspectives. The subject matter of this course will vary. (CORE: HUMANITIES)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHL 1503. Everyday Philosophy: Local to Global (3).F;S.

GEN ED: Local to Global Perspective (Theme: “Identity, Culture, and Media”)

An introduction to special problems, topics, or issues in philosophy regarding cultural diversity and the interrelationship between the local and the global. The subject matter of this course will vary. (CORE: HUMANITIES)

(GEC 12/2008, F09)

PHL 2000. Philosophy, Society, and Ethics (3).F;S.

GEN ED: Historical and Social Perspective (Theme: “Individual and Society”)

An introduction to ethical reasoning and an examination of moral problems in contemporary social issues. (CORE: HUMANITIES)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PHL 2013. Philosophy of Art (3).F.

GEN ED: Aesthetic Perspective (Themes: “Traditions and Innovations” and “Analyzing Style and Form”)

A course that concentrates on the interplay of art and philosophy in ancient through contemporary cultures. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PHL 2015. Environmental Ethics (3).F;S.

GEN ED: Local to Global Perspective (Theme: “Sustainability and Global Change”)

This course is an introduction to ethical dimensions of environmental issues. Students will have the opportunity to study theoretical perspectives such as deep ecology, ecofeminism, Native American views of the land, and social ecology. The course will also consider environmental ethical issues such as the moral status of nature, pesticide use, environmental racism, the treatment of animals, deforestation, world

population growth, and what it means to live an ecologically responsible life. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES)

(GEC 1/30/09, F09)

PHL 3000. Ancient Philosophy (3).F.

GEN ED: Junior Writing in the Discipline (WID)

A study of the major philosophers of Greece and Rome including the pre-Socratics, Socrates, Plato, Aristotle, the Stoics, the Epicureans, and the skeptics. Prerequisites: one course in philosophy or consent of the instructor and ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL)

(GEC 1/30/09, F09; and revised at AP&P 1/14/09, F09)

PHL 3013. Philosophical Aesthetics (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course will take a philosophical look at the nature of aesthetic experience. Our concern will be to understand what makes aesthetic experience unique, what are the causes of aesthetic experience, how aesthetic experience might be related to our appreciation of art and nature, and to examine what role knowledge and belief may play in aesthetic experience. Prerequisite: ENG 2001 or its equivalent. (WRITING; CROSS-DISCIPLINARY) (CORE: HUMANITIES)

(GEC 1/30/09, F09; and new course at AP&P 1/14/09, F09)

PHL 3015. Medical Ethics (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course aims to introduce students from a variety of backgrounds with an interest in health care to the central issues and controversies in medical ethics. The goal is to prepare students to enter the growing fields of medical practice and research equipped with adequate knowledge of ethical issues pertaining to health care practice and research. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/21/11, F11; and new course at AP&P 12/1/10, F11)

PHL 3020. Metaphysics (3).F.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

This course will provide an advanced introduction to metaphysics, a branch of philosophy concerned with questions and issues that arise out of the study of the nature of reality. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 12/2008 for HSP-T, F09; and GEC 4/17/09 for WID, S10)

PHL 3030. Feminist Philosophy (3).S.

GEN ED: Historical and Social Perspective (Theme: "Revolutions and Social Change")

GEN ED: Junior Writing in the Discipline (WID)

This course examines conceptual and normative issues in contemporary feminist theory. Issues to be discussed include power and the production of knowledge, resistance, violence against women, sex and gender, the interrelatedness of gender, race, class, and sexuality, body image, the personal as political, and the relation between feminist theory and activism. The class also considers western and non-western feminist discussion of these themes. The goal is for each student to gain an appreciation of the diversity and complexity of feminist thought, as well as insight concerning the relation between women's experiences and feminist theorizing. Prerequisite: ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL)

(GEC 1/21/11, F11; and new course at AP&P 12/1/10, F12)

PHL 3040. Social and Political Philosophy (3).F.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

This course examines some of the major developments in Western political thought. Through a philosophical lens, students will examine the various and changing concepts that shape current political arrangements. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/21/11, F11; and new course at AP&P 12/1/10, F11)

PHL 3050. Philosophy of Race (3).F.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

This course will examine the metaphysical epistemological, social, political, and ethical dimensions of race. Class readings will include both historical and contemporary philosophical approaches to race and racism. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

PHL 3200. Modern Philosophy (3).S.

GEN ED: Junior Writing in the Discipline (WID)

A study of views of eminent philosophers of the seventeenth and eighteenth centuries, including Descartes, Hume, and Kant. Prerequisites: one course in philosophy or consent of the instructor and ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL)

(GEC 1/30/09, F09)

PHL 3300. Recent Anglo/American Philosophy (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course is a study of recent American Philosophical Thought beginning with recent Anglo/European Philosophical movements which have led to American Philosophical movements including: pragmatism, philosophical analysis, behaviorism, scientific realism, and relativism. Philosophical writing may be drawn from such philosophers as: Carnap, Russell, Wittgenstein, Moore, Ayer, Ryle, Austin, Dewey, James, Quine, Goodman, Putnam, and Rorty. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

PHL 3400. Contemporary Continental Philosophy (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course examines some important philosophers and movements in continental philosophy. Philosophical movements such as Phenomenology, Existentialism, Critical Theory, Feminism, Postcolonial Theory, and Poststructuralism will be discussed. Prerequisite: ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL)

(GEC 1/30/09, F09)

PHL 3550. Philosophy of Mind (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course will examine some fundamental questions that arise in the philosophy of mind: What does it mean to say that a person has a mind? Are mental states (such as beliefs and desires) nothing but brain states, or are they states of a different kind? Do robots or animals have minds? The course will also provide a historical survey of various philosophical theories of mind, including substance dualism, philosophical and methodological behaviorism, identity theories, functionalism and connectionism. Prerequisite: ENG 2001 or its equivalent. (WRITING; CROSS-DISCIPLINARY)

(GEC 1/30/09, F09)

PHL 3600. Philosophy of Science (3).S.

GEN ED: Junior Writing in the Discipline (WID)

An investigation of the foundations, structure, actual attainments, and ideals of the sciences. Prerequisites: one course in science or science education or philosophy or consent of the instructor and ENG 2001 or its equivalent. (WRITING) (CORE: HUMANITIES)

(GEC 1/30/09, F09 and revised at AP&P 1/18/12, F12)

PHL 4700. Senior Research: Philosophy (3).S.

GEN ED: Capstone Experience

Designed for majors in Philosophy. Development and completion of an independent research project in the context of a seminar in which the student's ideas, drafts and thesis are questioned and defended. In addition

to the discussion of each student's work, issues regarding the nature of philosophy will be discussed. This course provides an opportunity to utilize philosophical skills in a systematic analysis of a philosophical problem. Each student will develop a thesis to be presented and defended in a public forum. Prerequisites: PHL 2800 and two additional courses in philosophy. (WRITING; SPEAKING)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PHY 1101. How Things Work (4).F.

GEN ED: Science Inquiry Perspective (Themes: "How Things Work" and "Physics of Self Expression")

An introductory survey of the ideas of mechanics, fluids, wave motion, sound, light, and special relativity. Objects from our daily environment will be considered as their operation, histories, and relationships to one another are explored. This course seeks to dispel the mysteries surrounding everyday phenomena.

Lecture three hours, laboratory two hours. Corequisite: MAT 1010 or MAT 1020 or MAT 1025.

(NUMERICAL DATA; COMPUTER) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PHY 1102. Environment and Everyday Life (4).S.

GEN ED: Science Inquiry Perspective (Theme: "How Things Work")

An introductory survey of thermodynamics, electricity, magnetism, atomic and nuclear physics. Objects from our daily environment will be considered as their operation, histories, and relationships to one another are explored. Lecture three hours, laboratory two hours. Prerequisite: PHY 1101. PHY 1102 is not open to students who have credit for PHY 1830. (NUMERICAL DATA; COMPUTER) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09)

PHY 1103-PHY 1104. General Physics I-II (4-4).F;S.-F;S.

GEN ED: (PHY 1103 and PHY 1104) Science Inquiry Perspective (Theme: "Physics of Our Technological World")

A study of the basic principles of physics including mechanics, thermodynamics, sound, electricity and magnetism, optics, and modern physics. Corequisite for PHY 1103: MAT 1020 or MAT 1025 or the equivalent. Prerequisite for PHY 1104: PHY 1103 or the equivalent. Lecture three hours, laboratory two hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1111. How Things Work - Lab (1).F.

GEN ED: Science Inquiry Perspective (Themes: "How Things Work" and "Physics of Self Expression")

An introductory laboratory survey of the ideas of mechanics, fluids, wave motion, sound, and light.

Objects from our daily environment will be considered as their operation, histories, and relationships to one another are explored. Laboratory two hours. Prerequisite: 3 credit hours of PHY 1101 transferred from another institution.

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1112. Environment and Everyday Life - Lab (1).S.

GEN ED: Science Inquiry Perspective (Theme: "How Things Work")

An introductory laboratory survey of thermodynamics, electricity, magnetism, atomic and nuclear physics. Objects from our daily environment will be considered as their operation, histories, and relationships to one another are explored. Laboratory two hours. Prerequisite: 3 credit hours of PHY 1102 transferred from another institution.

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1113. General Physics I - Lab (1).F.

GEN ED: Science Inquiry Perspective (Theme: "Physics of Our Technological World")

A laboratory study of the basic principles of physics including mechanics, thermodynamics, sound, electricity and magnetism, optics, and modern physics. Laboratory two hours. Prerequisite: 3 credit hours

of PHY 1103 transferred from another institution.

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1114. General Physics II - Lab (1).S.

GEN ED: Science Inquiry Perspective (Theme: "Physics of Our Technological World")

A laboratory study of the basic principles of physics including mechanics, thermodynamics, sound, electricity and magnetism, optics, and modern physics. Laboratory two hours. Prerequisite: 3 credit hours of PHY 1104 transferred from another institution.

(GEC 12/2008, F09)

PHY 1150-PHY 1151. Analytical Physics I-II (5-5).F;S-F;S.

GEN ED: (PHY 1150 and PHY 1151) Science Inquiry Perspective (Theme: "Physics with Calculus")

An analytical and quantitative treatment of physics at a somewhat more advanced level than the PHY 1103-PHY 1104 sequence using calculus. Intended primarily for students majoring in the natural sciences, mathematical sciences, and pre-engineering. Topics covered include mechanics, heat, light, sound, electricity, magnetism, and quantum phenomena. Corequisite for PHY 1150: MAT 1110. Corequisite for PHY 1151: MAT 1120. Lecture four hours, laboratory three hours. (NUMERICAL DATA) (CORE: NATURAL SCIENCES) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1160. Analytical Physics I - Lab (1).F.

GEN ED: Science Inquiry Perspective (Theme: "Physics with Calculus")

Laboratory exercises in mechanics, heat, light, sound, electricity, magnetism, and quantum phenomena at a somewhat more advanced level than the PHY 1103-PHY1104 sequence using calculus. Intended primarily for students major in the natural sciences, mathematical sciences, and pre-engineering. Laboratory three hours. Prerequisite: 3-4 credit hours of PHY 1150 transferred from another institution.

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

PHY 1161. Analytical Physics II - Lab (1).S.

GEN ED: Science Inquiry Perspective (Theme: "Physics with Calculus")

Laboratory exercises in mechanics, heat, light, sound, electricity, magnetism, and quantum phenomena at a somewhat more advanced level than the PHY 1103-PHY1104 sequence using calculus. Intended primarily for students major in the natural sciences, mathematical sciences, and pre-engineering. Laboratory three hours. Prerequisite: 3-4 credit hours of PHY 1151 transferred from another institution.

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHY 1810. Light and Color (4).S.

GEN ED: Science Inquiry Perspective (Theme: "Physics of Self Expression")

An introductory course intended primarily for students of the fine and applied arts as well as others interested in optical phenomena. Topics include the perception of light and color, color mixing, polarized light, photography, lasers, and holography. The laboratory will involve hands-on investigation of the properties of light using various methods including but not limited to lasers, spectrometers, lenses and mirrors, and photographic equipment. Lecture three hours, laboratory two hours. Prerequisite: MAT 1025 or permission of the instructor. (CROSS-DISCIPLINARY; NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; new course at AP&P 1/14/09, F09; and revised at AP&P 2/6/13, F13)

PHY 1812. Acoustics and Harmonics (4).F.

GEN ED: Science Inquiry Perspective (Theme: "Physics of Self Expression")

An exploration of sound and the underlying physical principles that govern it: Newton's laws of motion, energy, power, pressure, elasticity, oscillations, waves, resonances, and harmonics, as well as the quantitative application of these principles to topics such as: musical intervals, the equal-tempered scale, the decibel scale, harmony, dissonance, overtones, hearing, voices, and the construction and timbre of musical instruments. Lecture three hours, laboratory two hours. Prerequisite: MAT 1010 or permission of the instructor. (CROSS-DISCIPLINARY; NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHY 1814. Sound and Recording (4).S.

GEN ED: Science Inquiry Perspective (Theme: "Physics of Self Expression")

An exploration of acoustics, electronic circuits and signal processing as it applies to the creation and recording of sound and music. Topics to be covered include: AC and DC circuits, filtering, amplification, mechanical and electromagnetic properties of speakers, microphones, analog and digital recording, acoustics of rooms, digital audio signal processing, electronic synthesizers, multi-track recording, and mastering. Lecture three hours, laboratory two hours. Prerequisite: PHY 1812 or PHY 1103 or PHY 1150. (CROSS-DISCIPLINARY; NUMERICAL DATA) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

PHY 1830. The Physical Principles of Energy and Sustainability (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Sustainability and Global Change")

An introduction to the physical principles governing energy and renewable technologies. Topics will include: thermal, geothermal, electrical, magnetic, wind, solar, hydroelectric, nuclear, and other sources of energy as well as other sustainable technologies such as conservation of material resources. PHY 1830 is not open to students who have credit for PHY 1102.

(GEC 1/30/09, F09; and revised at AP&P 11/04/09, F10)

PHY 2210. Physics Laboratory Techniques and Data Analysis (3).S.

GEN ED: Junior Writing in the Discipline (WID)

A course designed for physics majors emphasizing experimental techniques, measurements, data and error analysis, experimental planning and evaluation, and report writing. Intermediate classical experiments with both oral and written reports. Lecture two hours, laboratory two hours. Prerequisite: ENG 2001 or its equivalent. Corequisite: PHY 2020. (WRITING)

(GEC 1/30/09, F09)

PHY 4210. Methods of Experimental Physics (3).F.

GEN ED: Capstone Experience

Measurement theory, analysis, interpretation and evaluation of data, experiment design and scientific report writing. A limited number of advanced laboratory experiments will be performed which illustrate important concepts and methods. Literature searches, written reports and some oral reports will be required. Lecture two hours, laboratory two hours. Prerequisite: PHY 2210. (WRITING; SPEAKING)

(GEC 1/30/09, F09 as PLN 3431 (5 s.h.); and GEC 2/26/10, F10 as PLN 3432 (4 s.h.); and changed PLN 3431 to PLN 3432 at AP&P 2/03/10, F10)

PLN 3432. Planning Techniques (4).F.

GEN ED: Junior Writing in the Discipline (WID)

The course helps students develop skills and knowledge of planning methods and learn techniques that planners use to accomplish tasks in the planning office. The class combines formal lectures, discussion, and in-class exercises. Prerequisites: PLN 2410 and GHY 2812 or PLN 2812; and ENG 2001 or its equivalent. (WRITING; SPEAKING; NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 1/30/09, F09)

PLN 4830/GHY 4830. Senior Seminar (3).S.

GEN ED: Capstone Experience

This course provides a capstone experience, bringing together a variety of planning and geography skills, abilities and knowledge. It integrates academic concepts with real-world experience and helps the student advance from the undergraduate academic environment to a planning career and/or to graduate study. (Same as GHY 4830.) (WRITING; SPEAKING)

(GEC 1/21/11, F11; and new course at AP&P 1/19/11, F11)

POR 1050. Intermediate Portuguese II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of POR 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: POR 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09)

PS 1100. American National Government and Politics (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "This American Life")

A study of the development and operation of the American national government, its powers, organization and policies. (CORE: SOCIAL SCIENCES)

(GEC 11/19/10, F11)

PS 1200. Current Political Issues (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Democracy and Personal Life")

A study of the current political issues and problems facing the national government. Problems in such areas as labor, education, the economy, agriculture, equal rights, foreign relations and national security will be analyzed. Not open to students with credit for PS 1201. (CORE: SOCIAL SCIENCES)

(GEC 3/20/09, S10; and new course at AP&P 4/01/09, S10)

PS 3001. Writing in Political Science (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course concentrates upon different writing traditions within political science. It requires students to apply the rhetorical knowledge gained in previous writing courses to the discipline of political science. Students will be expected to read and analyze texts in one or more of the sub-disciplines of political science as well as write effectively in one or more of the writing traditions of political science (e.g., research paper, policy analysis, briefing memo, text review). In addition to effective communication, the course emphasizes critical thinking, local to global connections, and community responsibility within the context of political science. Prerequisites: ENG 2001 or its equivalent; and must be majoring in political science. (WRITING)

(GEC 3/26/10, S11)

PS 3410. Marxism (3).On Demand.

GEN ED: Historical and Social Perspective (Theme: "Capitalism and Its Critics")

Explores the basic principles and features found within Marxist thought. This includes some discussions of Marx's immediate predecessors such as Hegel and Feuerbach in post-Marxist socialist and communist literature. (MULTI-CULTURAL; CROSS-DISCIPLINARY)

(GEC 12/2008, F09; and revised at AP&P 2/04/09, F09)

PS 3722. America in the World (3).S.

GEN ED: Historical and Social Perspective (Theme: "This American Life")

The course provides students with the foundation to understand the historical and contemporary practice of U.S. foreign policy and familiarizes them with patterns of continuity and change in U.S. foreign policy. (WRITING; SPEAKING)

(GEC 2/20/09, F09; and new course at AP&P 4/01/09, S10)

PS 4800. Political Science Capstone (1).F;S.

GEN ED: Capstone Experience

The capstone course offers students an opportunity to synthesize the knowledge, approaches, and results from political science with the foundation established in the general education program through participation in a department-wide student paper competition. Students select a paper previously written in a political science class, revise it based upon faculty and fellow student input, and then submit the paper for consideration by the political science faculty, who will award prizes for "Best Paper in Political

Science” as well as runner-ups. Prerequisite: must be majoring in political science.

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PSY 1200 (HONORS). Psychology: Historical, Social, and Scientific Foundations Honors (3).F;S.

GEN ED: Historical and Social Perspective (Themes: “Individual and Society” and “Mind”)

An honors section of PSY 1200. Survey of basic principles and selected topics in psychology. Students will have the opportunity to develop original critical thought in writing and discussion. Enrollment by invitation of the department or by application. (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

PSY 1200. Psychology: Historical, Social, and Scientific Foundations (3).F;S.

GEN ED: Historical and Social Perspective (Themes: “Individual and Society” and “Mind”)

This course will focus on the biological and cognitive foundations of individual behavior, as well as the individual in the social context. Research on psychological phenomena will be reviewed to demonstrate the logic of the scientific method, to foster critical thinking, to identify potential shortcomings in interpretations of behavior (e.g., claims presented in the popular media), and to describe linkages to everyday experiences (e.g., aesthetic and perceptual judgments, improved studying, friendship and attraction, and development of political attitudes). Students will have the opportunity to learn how to use empirical data to draw sound conclusions about behavior. Finally, connections to other thematic areas of scholarly inquiry within other disciplines will be presented. (CORE: SOCIAL SCIENCES)

(GEC 1/30/09, F09 and revised at AP&P 12/7/11, F12)

PSY 3100. Research Methods in Psychology (4).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Basic research/design concepts such as variables, confounding, causation, levels of measurement, observational research strategies, experimental design and control procedures, and use of descriptive, correlational and inferential statistics will be introduced. Students will have the opportunity to develop competence in conducting literature reviews, report writing in APA style, data collection and analysis. Lecture three hours, laboratory two hours. Prerequisites: PSY 1200, ENG 2001 or its equivalent, and STT 2810 or STT 2820 (with a grade of “C” or higher in STT 2810 or STT 2820). (WRITING; NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 1/30/09, F09; revised at AP&P 2/04/09, F09 and revised at AP&P 2/6/13, F13)

PSY 4655. Contemporary Issues in Psychology (3).F;S.

GEN ED: Capstone Experience

An investigation and discussion of psychological phenomena using scientific methodology and empirical research to evaluate causal claims, evaluate research, assess validity and engage critical thinking. A focus of the class will be the use of empirical research literature, as well as oral and written assignments to improve reasoning skills in order for students to become more critical consumers of information from both academic and popular sources. Topics will span multiple areas of psychology. Prerequisites: PSY 1200 and PSY 3100 or permission of the instructor. (WRITING; SPEAKING)

(GEC 1/30/09, F09)

PSY 4658. History and Systems of Psychology (3).F;S.

GEN ED: Capstone Experience

An analysis of the philosophical and empirical antecedents of modern psychology and the contemporary systems which emerge from these. Prerequisites: PSY 1200 and PSY 3100 or permission of the instructor. (WRITING; SPEAKING)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

REL 1100. Religion and Contemporary Issues (3).F.

GEN ED: Local to Global Perspective (Theme: “Identity, Culture and Media”)

This course examines the relationship between religion and the issues that confront our world. Through the exploration of writings of religious significance and other material and media artifacts (art, architecture, music, media, political rhetoric, film, etc.), the course considers how cultural and social

influences shape religious expression and contribute to religion as a force in contemporary life both locally and globally.

(GEC 12/2008, F09)

REL 1110. Religions of the World (3).F;S.

GEN ED: Historical and Social Perspective (Themes: "Cultural Diversity" and "Religion, Myth, and Society")

This course introduces the major living religions of the world. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09; GEC 1/20/12, F12; and revised at AP&P 1/18/12, F12)

REL 2010. Old Testament: The Jewish Scriptures (3).F;S.

GEN ED: Literary Studies Designation; Historical and Social Perspective (Theme: "Ancient Worlds") and Aesthetic Perspective (Theme: "Expressions of Belief")

An analysis of Old Testament literature as the product of the life of the Israelite people. Students will have the opportunity to examine selected documents in terms of their literary structure, historical context, and religious perspective. (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09 and revised at AP&P 1/18/12, F12)

REL 2020. New Testament (3).F;S.

GEN ED: Literary Studies Designation; Aesthetic Perspective (Themes: "How We Tell Stories" and "Expressions of Belief")

An analysis of early Christian literature as the product of the lives of the first followers of Jesus Christ. Students will have the opportunity to examine selected documents in terms of their literary structure, audience, historical context, religious perspective, and their relation to the broader Christian community and Western culture. (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES/LITERATURE)

(GEC 12/2008, F09)

REL 2120. Christianity (3).S.

GEN ED: Historical and Social Perspective (Theme: "Revolutions and Social Change")

An exploration of Christianity from the early period through the Enlightenment and rise of contemporary Christian movements, students will explore the history of the church, its doctrinal emphases, and its practice in a variety of locations and time periods. (WRITING; MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 1/30/09, F09)

REL 3700. Research and Methods in Religious Studies (3).S.

GEN ED: Junior Writing in the Discipline (WID)

An introduction to major issues and the methods employed in the academic study of religion. Students will focus on acquiring the skills necessary to accomplish research in the field of religious studies. Prerequisites: REL 1010 or REL 1110; and ENG 2001 or its equivalent. (WRITING)

(GEC 2/1/13, F13)

REL 3710. Nature of Religion (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces the student to what is generally understood to be "the biology of religion." The course specifically considers the extent to which evolutionary theory illumines the origins, functions, and continuing vitality of religious belief, behavior, and experience. From individual to multilevel selection theory, from questions concerning the origins of the moral life to the possibility that certain genes code for religious participation, the course pursues the exhaustively natural conditions out of which the religious life emerges. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 2/1/13, F13)

REL 3730. Nature-Oriented Religions (3).F.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

A cross-cultural examination of religious groups - such as Australian Aborigines, Native American traditions, Shinto, and Contemporary Paganism - that are focused primarily on the natural world for their concept of the divine, and which provide conceptual resources for understandings of a healthy relationship with the earth. The theoretical foundations of the course use anthropological theories of religion and critical analytic methods for studying religion. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 2/1/13, F13)

REL 3740. Religion and Social Theory (3).S.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

An examination of the different explanations of the role of religion in the world and its function within human society. The class will focus on the specific application of such theory to real world religious phenomena. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

REL 3750. Minds, Brain, and Religion (3).S.

GEN ED: Junior Writing in the Discipline (WID)

An introduction to the psychological study of religious belief, experience, and behavior through a survey of various sub-disciplines within psychology: e.g., Freudian psychoanalysis, existential psychology, object relations theory, attachment theory, cognitive psychology, and evolutionary psychology. Prerequisites: REL 1110 or permission of the instructor and ENG 2001 or its equivalent. (WRITING; CROSS-DISCIPLINARY)

(AP&P 2/6/13, F13 and GEC 2/1/13, F13)

REL 3760. Religion and Reason (3).S.Alternate years.

GEN ED: Junior Writing in the Discipline (WID)

This course focuses on the analysis and discussion of religion in general rather than on any particular belief system and is a field of study that has been embraced by both believers and nonbelievers. The course discusses texts by secular and religious commentators about the nature of religion and of religious experience, and considers epistemological, ontological, logical, aesthetic, and ethical concepts and claims of religions. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/20/12, F12)

REL 4015. Nature of Religion (3).F.

GEN ED: Junior Writing in the Discipline (WID)

An intensive examination of methods and issues in biblical interpretation, with extensive experience in the interpretation of specific biblical texts from both testaments. Major issues in the history of interpretation will be discussed, with emphasis on contemporary methods. Prerequisites: REL 2010 or REL 2020 and junior or senior standing, or permission of the instructor and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

REL 4700. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

An intensive study of special problems, topics, or issues related to the study of religion. The subject matter of this course will vary with the topic selected being focused on literature in the fall and culture in the spring. Prerequisite: completion of at least six semester hours of religious studies (REL) course work on the 3000 or 4000 level including one methods course (REL 3700, REL 3710, REL 3730, REL 3740, REL 3750, REL 3760, or REL 4015). (WRITING; SPEAKING)

(GEC 3/26/10, F10; and new course at AP&P 2/03/10, F10)

RM 2100. Leisure in Society (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Individual and Society")

This course focuses on relationships between the individual and society in the context of leisure. It examines both the biological and cognitive foundations of individual leisure behavior and the cultural forces that influence personal experience. Emphasis is on how an individual's leisure simultaneously

shapes and is shaped by diverse group, organizational and social contexts. (WRITING: CROSS-DISCIPLINARY) (CORE: SOCIAL SCIENCES)

(GEC 2/18/11, F12; and new course at AP&P 2/9/11, F11)

RM 2140. Natural Resources: Becoming an Informed Citizen (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Regions in Global Context")

Through the lens of outdoor recreation, this course will examine natural resources to help shape a more informed citizen. Students will examine dealings with natural resources by looking at how humans value and define ownership of them, as well as look at natural and outdoor recreation resource management practices and why they can be controversial or problematic. In addition, this course will look at how citizens become involved in the politics of natural and outdoor recreation resources.

(GEC 1/30/09, F09)

RM 3610. Administration of Leisure Services II (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course examines contemporary managerial concepts with application to the public, not-for-profit, and commercial sectors of the leisure service industry. This course focuses on the development of skills necessary to facilitate the achievement of organizational goals and objectives. Prerequisites: RM 2110, RM 2310, and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

RM 4210. Senior Seminar (2).F;S.

GEN ED: Capstone Experience

This course focuses on planning for continuing individual, professional activity and growth in the leisure services delivery field. It includes a series of discussions, conferences and role playing experiences related to the various aspects of organized recreation as a career. A review of internships, employment opportunities, ethical conduct and other related topics will be included. Prerequisites: RM 3315, or approval of the instructor, and senior status. (SPEAKING)

(GEC 12/2008, F09)

RSN 1050. Intermediate Russian II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of RSN 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: RSN 1040 or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 12/2008, F09)

SD 2400. Principles of Sustainable Development (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Sustainability and Global Change")

This course is the foundation course for students interested in pursuing a major or a minor in Sustainable Development. The course will introduce students to the concepts and history of "development," the origins of concerns about "sustainability," and the marriage of these two ideas in the contested notion of "sustainable development (SD)." From that basis, the course will then examine the understanding and use of SD principles in and from various disciplinary and multi/interdisciplinary perspectives. (CROSS-DISCIPLINARY)

(GEC 1/30/09, F09)

SD 3800. Classics in Sustainable Development (3).F.

GEN ED: Junior Writing in the Discipline (WID)

An exploration of landmark texts in the field of sustainable development; whole books will be examined in their biographical, socio-historical, and critical contexts in order to deepen knowledge of significant voices in the discourse of sustainability. Prerequisites: ENG 2001 or its equivalent, and junior standing or permission of the instructor. (WRITING; SPEAKING)

(AP&P 1/18/12, F12 and GEC 1/20/12)

SD 4550. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

Review, synthesis, reflection, and elaboration on aspects of sustainable development. Designed as a final on-campus opportunity for students to synthesize and integrate the theories and practices that inform sustainable development, to test their ideas in conversation, to connect their individual work with the work and ideas of others, and to examine career opportunities related to sustainability. Variable content. Ideally should be taken during the final semester of on-campus study. Required for majors. Prerequisite: Sustainable Development major with senior standing or permission of the instructor.

(GEC 12/2008, F09)

SNH 1050. Intermediate Spanish II (3).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")

A continuation of SNH 1040. Focus on various aspects of culture, society, literature, traditions, and daily preoccupations with continued development of communicative language skills. Reinforcement, expansion, and synthesis of concepts of language and culture through contact with authentic materials. Prerequisite: SNH 1030 or SNH 1040, or the equivalent. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES)

(GEC 11/20/09, S10)

SNH 1060. Accelerated Intermediate Spanish (6).S.

GEN ED: Local to Global Perspective (Themes: "Regions in Global Context" and "Performance of Culture")*

Combines SNH 1040 and SNH 1050. Prerequisite: SNH 1020 or SNH 1030, or the equivalent. Class meets daily for a total of 300 minutes per week. Laboratory work required. (MULTI-CULTURAL) (CORE: HUMANITIES) (*NOTE: Only 3 s.h. of this 6 s.h. course may count for general education credit in a theme.)

(GEC 1/30/09, F09)

SNH 3080. Advanced Grammar and Composition (3).F.

GEN ED: Junior Writing in the Discipline (WID)

Intensive study of the various types of expository writing with emphasis on the morphology and idiomatic expressions of Spanish. Prerequisites: SNH 2005 and SNH 2010, or consent of the advisor; and ENG 2001 or its equivalent. Required for majors. (WRITING)

(GEC 1/30/09, F09)

SNH 4565. Advanced Spanish Expression (3).F. On Demand.

GEN ED: Capstone Experience

An advanced language course where students will have the opportunity to perfect their mastery of the spoken and written language. Students will explore different writing genres and model their work on the literary and cultural narratives written by experienced Spanish writers, and will be provided with the necessary tools to develop their oral language skills. Prerequisites: senior or graduate standing and SNH 3080, or consent of the instructor. (WRITING) [Dual-listed with SNH 5565.]

(GEC 12/2008, F09; and revised at AP&P 2/04/09, F09)

SOC 1000. The Sociological Perspective (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "Individual and Society")

This course applies the sociological perspective to the experience of individuals within differing social contexts, ranging from interpersonal interactions and small groups to larger organizations and the broader society. Relationships between individuals and their societies are examined with respect to a variety of issues, including socialization processes and cultural diversity; the nature of gender, racial, and other social identities; and institutional settings ranging from the family to the economy and government. Required for majors and minors. (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09)

SOC 1100. Social Problems in American Society (3).F;S.

GEN ED: Aesthetic Perspective (Theme: "Social Change Through the Arts"); Historical and Social Perspective (Theme: "Revolutions and Social Change")

A survey course which examines the major social problems in America today, such as poverty, racism, sexism, aging, militarism and war, environmental abuse, crime, mental illness, drug abuse and alcoholism. (CORE: SOCIAL SCIENCES)

(GEC 11/19/10, F11)

SOC 1110. Sociology of Intimate Relationships (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Democracy and Personal Life")

Sociological perspectives and knowledge concerning intimate relationships, marriage, and family life in American society. General topics include marriage and marital relations; the family as a social institution; intimacy and love; sex, sexuality, and sexual relations; gender relations; singlehood; family dynamics; parenthood and child rearing; family crisis, conflict, and change; and marital separation, divorce, and remarriage. (CORE: SOCIAL SCIENCES)

(GEC 12/2008, F09 and GEC 12/7/12, F13; and revised at AP&P 2/04/09, F09)

SOC 3710. Sociology of Appalachian Communities (3).S.

GEN ED: Historical and Social Perspective (Theme: "Appalachia: Life, Culture, and Land")

This course examines Appalachian communities from a sociological perspective, with a focus on how the region gives rise to a unique configuration of cultural, institutional, and other social practices. Specific attention is also given to the differences between urban and rural Appalachian communities, as well as the complex relationships Appalachia has with the broader component of American society.

(GEC 1/30/09, F09)

SOC 3885. Research Methods I (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Relationship of theory to research; research design, sampling procedures, application of research methodologies. Required of majors. Prerequisites: six semester hours in sociology, including SOC 1000; and ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

SOC 4450. Senior Seminar (3).F;S.

GEN ED: Capstone Experience

Synthesis, application, and evaluation of sociological perspectives to enhance the understanding of sociology, social behavior, and social issues. Consideration of major theoretical and methodological approaches in sociology and application of the sociological imagination, principles, and concepts to everyday life. Emphasis on the development of critical and analytical thinking skills. Required of majors. Prerequisites: SOC 3885, SOC 3895, SOC 3950, and SOC 3960. (WRITING; SPEAKING)

(GEC 12/2008, F09)

SOC 4560. Race and Minority Relations (3).F.

GEN ED: Historical and Social Perspective (Theme: "Cultural Diversity")

Examination of intergroup relations, including racial, ethnic, and women's issues; the bases of conflict, accommodation, and assimilation; the nature and consequences of prejudice and discrimination; evaluation of proposals for reduction or elimination of prejudice and discrimination. (MULTI-CULTURAL) [Dual-listed with SOC 5560.]

(GEC 1/30/09, F09)

SPE 3105/CI 3105/FCS 3105. Practicum II (3).F.

GEN ED: Junior Writing in the Discipline (WID)

This practicum is designed to build on and extend competencies learned in Practicum I. Students in this practicum will be required to work with children ages birth-2 or 3-5 years of age, depending on prior

practicum placement. Students also will be required to plan and implement developmentally appropriate environments, learning experiences, and interactions with children and their families. In addition, students will be expected to demonstrate an advanced level of reflection and integration, as well as appropriate professional behavior. The practicum consists of a minimum of 150 contact hours in a program serving young children. Periodic seminars will be required. Prerequisites: FCS 3104/CI 3104/SPE 3104 or permission of the instructor; and ENG 2001 or its equivalent. Graded on an S/U basis. (Same as CI 3105/FCS 3105.) (WRITING; CROSS-DISCIPLINARY)

(GEC 1/30/09, F09 and revised at AP&P 1/16/13, F13)

SPE 4570. Advocacy and Legislation in Special Education (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course provides information and practice related to the roles and responsibilities of professionals with regard to advocacy and legislative mandates, including the special education process and individual education programs. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 1/30/09, F09)

SPE 4900. Student Teaching in Special Education (6 OR 12).F;S.

GEN ED: Capstone Experience

Teaching experiences under supervision for one semester for students planning to teach special needs students in grades K-12. Graded on an S/U basis.

(GEC 12/2008, F09 and revised at AP&P 12/7/11, F12)

STT 1810. Basic Statistics (3).F;S.

GEN ED: Quantitative Literacy

An introduction to statistical problem solving. Topics include organization and presentation of data; measures of location, variation, and association; the normal distribution, sampling distributions, and statistical inference. Emphasis will be on conceptual understanding and interpretation of results rather than theoretical development. Statistical software will be utilized in the analysis of data and in the development of statistical and probabilistic concepts. STT 1810 is not open to students with credit for STT 2810, STT 2820, STT 3850, or STT 4811. Prerequisite: MAT 1010 or equivalent. (NUMERICAL DATA; COMPUTER). (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09 and revised at AP&P 12/7/11, F12)

STT 2810. Introduction to Statistics (3).F;S.

GEN ED: Quantitative Literacy

An introduction to statistical problem solving and methodology. Topics include tabulation and graphical representations of univariate and bivariate data; probability, statistical distributions, confidence intervals and hypothesis testing. Emphasis will be on conceptual understanding and interpretation of results rather than theoretical development. Statistical software will be utilized in the analysis of data and in the development of statistical and probabilistic concepts. STT 2810 is not open to students with credit for STT 1810, STT 2820, STT 3850, or STT 4811. Prerequisite: MAT 1010 or equivalent. (NUMERICAL DATA; COMPUTER). (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; revised at AP&P 2/04/09, F09; and revised at AP&P 12/7/11, F12)

STT 2820. Reasoning with Statistics (4).F;S.

GEN ED: Quantitative Literacy

An introduction to the design, analysis, and interpretation of statistical studies. Topics include representations for univariate and bivariate data distributions; designed methods for data collection and the role of randomness in statistical studies; probability and statistical distributions; statistical estimation, and statistical significance. Emphasis will be on the development of conceptual understanding and interpretation of results through simulation rather than a theoretical development. Statistical software will be utilized in the analysis of data in the development of statistical and probabilistic concepts. STT 2820 is not open to students with credit for STT 1810, STT 2810, STT 3850, or STT 4811. (NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 12/2008, F09; revised at AP&P 2/04/09, F09; and revised at AP&P 12/7/11, F12)

STT 3820. Statistical Methods I (3).F;S.

GEN ED: Quantitative Literacy

A continuation of STT 2810 or STT 2820. A study of parametric and non-parametric statistical methods and inferential procedures. Topics commonly covered include an introduction to methods of data collection such as simulation, surveys and experiments; single-parameter inference for means and proportions; techniques for comparing two distributions; error rates and power; inference for simple linear regression and multiple regression least squares models; introductions to one-way and two-way analysis of variance models; and contingency table analysis. Nonparametric alternatives are presented for many methods in the course when the assumptions for parametric methods are not met. Emphasis is on a non-theoretical development of statistical techniques and on the interpretation of statistical results. Statistical software will be utilized in analysis of data. Prerequisite: STT 2810 or STT 2820 or equivalent. (NUMERICAL DATA; COMPUTER) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

(GEC 3/20/09, F09)

STT 3851. Statistical Data Analysis II (3).S.

GEN ED: Junior Writing in the Discipline (WID)

The goal of this course is to provide students with exposure to a variety of statistical procedures in order to develop their ability to understand statistically based research. As the course will focus on proper data analysis, sufficient practice with solving real problems using real data will be required. A variety of standard statistical methodologies will be covered including multiple regression, the analysis of variance, and the analysis of covariance. Additionally, several computationally intensive methods will be explored including, but not limited to, areas such as robust regression, bootstrapping, and permutation tests. Students will be required to complete several data analysis projects that utilize professional editing tools and demonstrate reproducible statistical research. Prerequisites: STT 3850 and ENG 2001 or its equivalent. (WRITING)

(GEC 3/20/09, F09)

STT 4870. Senior Seminar in Statistics (2).On Demand.

GEN ED: Capstone Experience

A course designed to provide majors in statistics and other related fields the opportunity to study statistics problems from a variety of sources and to examine their statistical analyses. The emphasis will be on the oral and written presentations of statistical results. The course should prepare the student for making the transition from academic courses to statistical practice. Students taking this course should have completed most of the courses offered in the statistics curriculum. Prerequisite: permission of the instructor. (WRITING; SPEAKING)

(GEC 1/29/10, F10; and revised at AP&P 11/03/10, F11)

SW 2020. The American Social Welfare System (3).F;S.

GEN ED: Historical and Social Perspective (Theme: "This American Life")

An introduction to social welfare as a concept and as a social institution: overview of the public and private network of social programs and services intended to help fulfill basic human needs. Analysis of major social issues, problems, and values which shape social policy and the distribution of resources in the U.S., with attention to several other nations. (CORE: SOCIAL SCIENCES)

(GEC 1/30/09, F09; and revised at AP&P 11/03/10, F11)

SW 3330. Social Welfare Policies, Programs, and Issues (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

Examines policies and issues associated with existing social service delivery systems, and emphasizes policy formulation and assessment of alternative strategies for establishing and meeting social goals. Influence of social work principles, values, and practice on social welfare policies and issues. Prerequisites: ENG 2001 or its equivalent and admission to the professional sequence or consent of the BSW Program Director. Corequisite or prerequisite: ECO 2030. (WRITING)

(GEC 1/30/09, F09)

SW 4690. Senior Seminar: Issues and Ethics for Field and Profession (3).F;S.

GEN ED: Capstone Experience

This seminar integrates academic concepts and theory with the realities of social work practice that students experience in field settings, and explores and synthesizes contemporary professional issues. Corequisite: SW 4650. (SPEAKING)

(GEC 12/2008, F09)

TEC 2029. Society and Technology (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Sustainability and Global Change")

This course is designed to provide students with an understanding of the symbiotic relationship between technology and society. Examples of these relationships will be taken from historical accounts and from analyses of contemporary societies both in industrialized and non-industrialized countries. Lecture three hours. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: SOCIAL SCIENCES)

(AP&P 1/18/12, F12 - was TEC 3601)

TEC 2601. Energy Issues and Technology (3).F;S.

GEN ED: Local to Global Perspective (Theme: "Global Resources")

This course will explore the various forms of energy and will examine the complete range of energy conversion systems existing in the world today. Students will examine energy resources, their economic and environmental impacts, and technologies used to exploit them. The course consists of three major sections: principles of power and energy, conventional energy resources, and renewable energy resources. Lecture three hours. (CROSS-DISCIPLINARY) (CORE: SOCIAL SCIENCES)

(Revised at AP&P 1/18/12, F12 and GEC 1/20/12, F12)

TEC 3005. Professional Photographic Practices (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course is designed to introduce the upper level photography major to best professional practices for the photography proprietor/entrepreneur. Topics may include intellectual property law, tax obligations and reporting requirements, employment law, insurance responsibility, and renters' rights and obligations under a lease. In addition, the course may cover software solutions to estimating and bidding jobs, tracking expenses, invoicing clients, and developing legal contracts. The course will also cover marketing, promoting and advertising options. By the end of the course, students will have developed a business plan, a financial statement, marketing materials, and have created a visual identity (logo/brand) to take into the marketplace. Prerequisites: ENG 2001 or its equivalent and TEC 2022. (WRITING)

(GEC 3/20/09, F09; and revised at AP&P 2/04/09, F09)

TEC 3009. Introduction to the Technology Teaching Profession (3).F.

GEN ED: Junior Writing in the Discipline (WID)

An introduction to the career and technology education curriculum, as well as the professional roles and responsibilities of Technology Education and Trade and Industry teachers. Course expectations include lab activities related to career and/or technology education curriculum in North Carolina, interviews with master teachers, and field experiences in regional Career and Technical classrooms at the middle and high school levels. Prerequisite or corequisite: TEC 2029. Prerequisite: ENG 2001 or its equivalent. (WRITING)

(GEC 4/15/11, F12)

TEC 3038. Commercial Construction Technology (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course introduces students to the technical, economic and managerial aspects of the commercial and industrial construction industries. Primary emphasis is on the equipment, materials, and construction processes used in commercial construction. Lecture three hours. Prerequisites: ENG 2001 or its equivalent, MAT 1025, TEC 2708, and TEC 2758. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

TEC 3638. Foundations of Appropriate Technology (3).F;S.

GEN ED: Junior Writing in the Discipline (WID)

This course will explore through writing current topics in the appropriate technology field. Assignments will involve writing with feedback. Topics for writing assignments may include technical reports, white papers, system documentation, opinion pieces, summaries, literature reviews, experimental methods, and data analyses. The APA format will be stressed. Lecture three hours. Prerequisites: TEC 2029 and TEC 2601, or permission of the instructor, and ENG 2001 or its equivalent. (WRITING)

(AP&P 1/18/12, F12 and GEC 1/20/12, F12)

TEC 4432. Photographic Portfolio (3).F;S.

GEN ED: Capstone Experience

This senior level course is designed for the major in Commercial Photography. The course will prepare the graduating senior to apply for employment in the field of professional photography or admission to graduate school. Topics covered will include letters of introduction, resumes, portfolio production and presentation, preparing exhibits, and web pages. Through the production of the final portfolio, students will demonstrate their technical skills, visual communication ability, knowledge of theory in design, and awareness of the global market. Prerequisite: senior standing. Open only to Commercial Photography majors. Lecture two hours, critique two hours.

(GEC 3/20/09, F09)

TEC 4638. Contemporary Problems in Appropriate Technology (3).S.

GEN ED: Capstone Experience

This course is designed to provide students with an overview of contemporary problems facing the Appropriate Technology movement such as affordable and efficient alternative energy systems, small scale production systems, waste management and recycling, bioregional development, community and shelter design and technology transfer methodology. Each student will have the opportunity to explore in-depth a problem of their choosing and will be given guidance in the identification, definition and analysis of their chosen problem. Both library research and prototype or model construction will be required. Lecture three hours. Prerequisite: TEC 4608 or permission of the instructor. (WRITING; SPEAKING) [Dual-listed with TEC 5638.]

(GEC 3/20/09, F09)

TEC 4900. Internship (3-12).F;S.

GEN ED: Capstone Experience

Graded on an S/U basis. (WRITING)

(GEC 12/2008, F09; and new course at AP&P 2/04/09, F09)

THR 2005. Page and Stage (3).F.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "How We Tell Stories")

In this class, students will have the opportunity to learn techniques for analyzing and interpreting written dramatic texts and theatrical performances. They will analyze and interpret plays of different styles from various historical periods, with particular attention to the unique characteristics of drama as a medium for telling stories.

(GEC 12/2008, F09; and new course at AP&P 11/05/08, F09)

THR 2010. Analyzing Style and Form: Theatre (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Analyzing Style and Form")

In this course, students will analyze styles and forms of theatre from various cultures and historical eras. They will also examine how their own personal, historical, and cultural perspectives affect their responses to artistic performance.

(GEC 12/2008, F09; new course at AP&P 2/04/09, F09; and GEC 10/21/11, F12 for FAD)

THR 2017. Theatre for Social Change (3).S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Social Change Through the Arts")

This course is a practical and seminar class focused on the history and theory behind "theatre for social change" and is grounded in participation, research, analysis, and performance. Students study and apply various theories and methodologies of theatre for social change (image, forum, playback, invisible theatre, etc.) to effect change related to social, economic, cultural, political, and interpersonal issues.

(GEC 12/2008, F09; revised at AP&P 2/09/11, F11; and GEC 10/21/11, F12 for FAD)

THR 2020. World Culture and Performance Studies (3).F.

GEN ED: Fine Arts Designation; Local to Global Perspective (Theme: "Performance of Culture")

This course applies insights from performance art, theatre, dance and other art forms. Its interdisciplinary approach will allow students to have the opportunities to study the unique role of "performance" in various aspects of our society as well as the world today. The class will explore the concept of performance, and special attention will be paid to issues of multiculturalism and the cultural, political, historical, social, economic and technological contexts of performance studies.

(GEC 12/2008, F09; and new course at AP&P 1/14/09, F09)

THR 2022. Cultivating Creative Expression Through Theatre (3).S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "Cultivating Creative Expression")

The emphasis in this course is on understanding and creating theatre as a springboard for more deeply understanding and developing personal creativity. Students will be immersed in an integrated approach to developing theatre artistry through watching, reading and analyzing plays; engaging in the creative process of playmaking and playwriting; and participating in the collaborative process of theatre production. No prior theatre skills necessary. Lecture and studio lab.

(GEC 12/2008, F09)

THR 2610. Oral Interpretation (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "How We Tell Stories")

An introduction to the study of literature through the medium of performance. The student is expected to master techniques of literary selection and analysis and to perform from poetry, prose and dramatic literature. (WRITING; SPEAKING) (CORE: HUMANITIES)

(GEC 12/2008, F09)

THR 3640. Solo and Group Performance (3).F;S.

GEN ED: Fine Arts Designation; Aesthetic Perspective (Theme: "The Body: Expression, Presentation, and Representation")

An introduction to performance studies, using the principles of oral interpretation. The course begins with the training of the body, voice, and sense memory as well as an introduction to dramatic analysis. The second part of the course uses these performance instruments for solo rehearsal and presentation of student selected literary texts: description, narrative, drama and poetry. The course concludes with ensemble performances of literary texts. (SPEAKING) (CORE: HUMANITIES)

(GEC 12/2008, F09; and revised at AP&P 1/14/09, F09)

THR 3730. Early Theatre History and Literature (3).F.

GEN ED: Historical and Social Perspective (Theme: "Religion, Myth, and Society")

This course explores the history, literature, and criticism of the theatre from prehistory up to the Early Modern period. The course will focus predominantly on European theatre, but will also include studies of some Asian forms. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES)

(GEC 1/30/09, F09; and revised at AP&P 2/03/10, F10)

THR 3735. Modern Theatre History and Literature (3).S.

GEN ED: Junior Writing in the Discipline (WID)

This course explores the history, literature, and criticism of the theatre in the modern period through the

present. The course will focus predominantly on American and European theatre, but will also include studies of some African, South American, and Asian theatre. Prerequisites: THR 2005, THR 3730, and ENG 2001 or its equivalent. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES)

(GEC 1/30/09, F09; and new course at AP&P 2/04/09, F09)

THR 4840. Capstone (3).S.

GEN ED: Capstone Experience

The capstone offers theatre students an opportunity to synthesize prior academic coursework, research, and practical problem solving in all major areas of theatre study. This capstone represents the culmination of the student's academic education and serves as a bridge to professional and educational theatre, graduate study and other job opportunities.

(GEC 1/30/09, F09 and revised at AP&P 3/7/12, F12)

UCO 1200. First Year Seminar (3).F;S.

GEN ED: First Year Seminar

The first year seminar engages students and faculty in a shared process of inquiry around a broad, interdisciplinary topic or question. Utilizing at least two different modes of inquiry, as well as varied and engaging pedagogies, this seminar aims to help students develop their abilities to think critically and communicate effectively. It also aims to help students make connections with faculty, peers, the university, and the curriculum. UCO 1200 or an equivalent "First Year Seminar" course (such as HON 1515, Freshman Honors Seminar, or WGC 1103, Investigations: Local) is required of all freshmen. It is also required of all transfer students with less than 30 semester hours of transferable work or who graduated from high school less than one year before their matriculation date. Transfer students with 30-59 semester hours of transferable work are eligible to enroll, but it is not required. Students with 60 or more earned hours are not eligible to enroll without permission from the Office of General Education.

(GEC 12/2008 and GEC 1/30/09, F09; and new course at AP&P 12/03/08, F09)

WGC 1103. Investigations: Local (6).F.

GEN ED: First Year Seminar and First Year Writing

Priority enrollment given to Watauga Global Community students.

An experiential, interdisciplinary study in the humanities and social sciences of significant local issues (historical, economic, social, cultural, ideological, aesthetic) and their relationships with regional, national, and global issues.

(GEC 12/2008 , F09; and new course at AP&P 12/03/08, F09)

WGC 1104. Investigations: Global (6).S.

GEN ED: Local to Global Perspective

Priority enrollment given to Watauga Global Community students.

An experiential, interdisciplinary study in the humanities and social sciences of significant global issues (historical, economic, social, cultural, ideological, aesthetic) and their relationships with local, regional, and national issues.

(GEC 9/24/10, F11)

WGC 2001. Tangents (3).F;S. *Priority enrollment given to Watauga Global Community students.*

GEN ED: Second Year Writing

This course introduces students to writing across the curriculum. Students write in different genres for different academic communities, read a variety of academic texts rhetorically, and analyze the writing conventions of various academic communities. Prerequisites: completion of 30 semester hours of credit including WGC 1103; OR, completion of 30 semester hours of credit including ENG 1000 and either UCO 1200 or HON 1515. (WRITING)

(GEC 4/16/10, S11)

WGC 2100-2199. Tangents (3).F;S. *Priority enrollment given to Watauga Global Community students. GEN ED: Historical and Social Perspective (Theme: "Understanding Culture Through Social Practice"). Fine Arts, Historical Studies, and Literary Studies Designations approved subject to semester-by-semester recommendation by the General Education Council.*

An experiential, interdisciplinary study in the humanities and/or social sciences of the historical, social, literary, cultural, and/or aesthetic perspectives of specific topics. Course content and topics will vary. (WRITING; SPEAKING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/SOCIAL SCIENCES) Core curriculum credit approved subject to semester-by-semester recommendation by the AP&P Committee.

(GEC 4/16/10, S11)

WGC 2300-2399. Tangents (3).F;S. *Priority enrollment given to Watauga Global Community students. GEN ED: Aesthetic Perspective (Theme: "Creative Expressions of Culture"). Fine Arts, Historical Studies, and Literary Studies Designations approved subject to semester-by-semester recommendation by the General Education Council.*

An experiential, interdisciplinary study in the humanities and/or social sciences of the historical, social, literary, cultural, and/or aesthetic perspectives of specific topics. Course content and topics will vary. (WRITING; SPEAKING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/SOCIAL SCIENCES) Core curriculum credit approved subject to semester-by-semester recommendation by the AP&P Committee.

(GEC 4/16/10, S11)

WGC 3100-3199. Junior Seminar (3).F;S. *GEN ED: Historical and Social Perspective (Theme: "Understanding Culture Through Social Practice"). Fine Arts, Historical Studies, and Literary Studies Designations approved subject to semester-by-semester recommendation by the General Education Council.*

An experiential, interdisciplinary study in the humanities and/or social sciences or natural sciences of the historical, social, literary, cultural, aesthetic, and systems analysis perspectives of specific topics. Course content and topics will vary. (WRITING; SPEAKING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/SOCIAL SCIENCES) Core curriculum credit approved subject to semester-by-semester recommendation by the AP&P Committee.

(GEC 4/16/10, S11)

WGC 3300-3399. Junior Seminar (3).F;S. *GEN ED: Aesthetic Perspective (Theme: "Creative Expressions of Culture"). Fine Arts, Historical Studies, and Literary Studies Designations approved subject to semester-by-semester recommendation by the General Education Council.*

An experiential, interdisciplinary study in the humanities and/or social sciences or natural sciences of the historical, social, literary, cultural, aesthetic, and systems analysis perspectives of specific topics. Course content and topics will vary. (WRITING; SPEAKING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES/SOCIAL SCIENCES) Core curriculum credit approved subject to semester-by-semester recommendation by the AP&P Committee.

(GEC 12/2008, F09)

WS 2400. Distinguished Lectures on Women, Sex, and Gender (3).F. *GEN ED: Historical and Social Perspective (Theme: "Individual and Society")*

This course introduces students to a variety of topics and methods of investigation in the study of women's and gender issues. Featuring a variety of lectures from multiple disciplines, this course stresses the importance of taking women and gender seriously for understanding a variety of topics. Students will also interpret and analyze the lectures through regular meetings with an instructor, who also designs assignments and readings around each lecture topic. (MULTI-CULTURAL; CROSS-DISCIPLINARY)

(GEC 12/2008, F09; and revised at AP&P 1/13/10, F10)

WS 2421. Sex, Gender, and Power: Introduction to Women's Studies (3).S.

GEN ED: Historical and Social Perspective (Theme: "Cultural Diversity")

This course will provide an introduction to the study of gender and a diversity of women, both historic and contemporary, using a variety of methodologies and materials drawn from both the social sciences and the humanities. It will also serve as an introduction to the interdisciplinary discipline of Women's Studies for the major and the minor in Women's Studies. (WRITING; MULTI-CULTURAL; CROSS-DISCIPLINARY) (CORE: HUMANITIES AND SOCIAL SCIENCES)

(GEC 11/19/10, F11)

WS 2600. Introduction to LGBT Studies (3).F.

GEN ED: Local to Global Perspective (Theme: "Democracy and Personal Life")

This course will provide a multi-disciplinary introduction to the study of historical, cultural, political and theoretical issues relevant to lesbian, gay, bisexual, and transgender individuals and communities and their allies.

(GEC 1/30/09, F09)

WS 4550. Senior Seminar (3).S.

GEN ED: Capstone Experience

This course gives students the opportunity to draw together the diverse strands of their women's studies education, reflect on the connections among these strands, and produce an in-depth senior project. Students will reflect on methodologies and theories used in women's studies academic research. Students will be asked not only to write but to present aspects of their project. Prerequisite: senior standing. (WRITING; SPEAKING; CROSS-DISCIPLINARY)

(GEC 1/30/09, F09; and revised at AP&P 1/13/10, F10)

WS 4650. Feminist Theories (3).On Demand.

GEN ED: Junior Writing in the Discipline (WID)

This course surveys a wide range of contemporary theories of gender inequality. Students will become familiar with these theories and learn to recognize the intellectual roots and theoretical assumptions of various arguments about sex and gender. Students will also examine the complexity of identity and politics in a social context characterized by inequalities of opportunity, privilege, and authority and by rapid change, global media, and advancing technology. Important for the assessment of various theories will be the proposition that any man or woman is positioned within other hierarchies of dominations (for example: those of race, class, nationality, physical ability, and sexuality) in addition to gender. Prerequisites: ANT 2420 or SOC 2850 or WS 2400 or WS 2421 or permission of the instructor; and ENG 2001 or its equivalent. (WRITING; SPEAKING; MULTI-CULTURAL; CROSS-DISCIPLINARY)

NOTE: (Effective: Fall, 2011)

The following prerequisite was added to all *GEN ED: Junior Writing in the Discipline (WID)* courses:

"Prerequisite: ENG 2001 or its equivalent." (WRITING)

(See VOTE 27 of the 2/04/09 AP&P Minutes for additional information about this requirement.)
