



Honors Course Booklet

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Honors Degree Tutorial

Open to Honors Degree candidates only. A tutorial allows a small number of students to work intensively with a faculty member on a set of selected readings. Typically, no examinations are given, but written work is required and students should expect to do significant independent study in preparation for group discussions. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. It also satisfies an Arts & Sciences Group A and the Second Writing requirements. To enroll in this course you must complete the [Honors Tutorial Registration Form](#).

UNIV 490-080

Honors Tutorial:

Books that Blow Your Mind

Fox, Alan

This Honors Tutorial will be run as a graduate-style seminar. That means no lectures. I will fill in the blanks in order to contextualize the more obscure works, but I am expecting that students will not just read the books superficially, but will actually engage them. I will expect a short, typed, written response essay each week concerning the reading. The grade for the tutorial will be based on the quality of your essays as well as the quality of your engagement and participation in the group discussion. Books we will read include the following, all of which involve radical shifts in perspective: Plato's *Republic*; *Ishmael* by Daniel Quinn; *Flatland* by Abbott; *Sophie's World* by Gaarder; *Civilization and Its Discontents* by Freud; *The Denial of Death* by Becker; *The Sirens of Titan* by Vonnegut; *Zen and the Art of Motorcycle Maintenance* by Pirsig.

UNIV 490-081

Honors Tutorial: Famous Ancient Greek and Roman Authors

Sidebotham, Steven

In this tutorial we will read sections of some of the more prominent ancient classical Greek and Roman authors and discuss their impact on their own societies and on ours. Authors will include Homer, Aeschylus, Aristophanes, Herodotus, Thucydides, Plato, Julius Caesar, Virgil, Suetonius and others.

Departmental Courses

Only Honors students with grade point indexes of 3.00 or higher are eligible to register for Honors courses. Please note: After grades are posted for the current semester, students registered for Honors courses who do not meet the minimum required 3.00 grade point index will lose enrollment in any Honor courses.

Accounting (ACCT)

ACCT 207-080 Accounting I (Free-Standing)

Paretta, Robert

This course introduces the concepts and principles underlying financial accounting and external reporting in an enhanced learning environment. In addition to learning how transactions and adjusting entries affect items on balance sheets and income statements, the specific Honors content of this course will enable students to understand accounting methods, standards, and terminology so they can prepare, interpret and evaluate financial statements. Contemporary issues in corporate reporting of publicly traded companies will also be discussed and students will learn how to: 1) Use financial ratio and fluctuation analysis to identify red flags in financial statements, and 2) Research financial data of international publicly traded companies filed with the Securities and Exchange Commission (SEC) using the SEC's Electronic Data Gathering and Retrieval (EDGAR) database system. Each student will be assigned a publicly traded company to analyze. *RESTRICTIONS: Not open to freshmen.*

ACCT 315-080 Intermediate Accounting I (Free-Standing)

Paretta, Robert

This course is an enhanced version of the normal Intermediate I course. It is designed to provide Honors students a foundation for professional training as accountants in intermediate financial accounting topics under US GAAP and offer the background required for passing the related topics on the CPA exam. The course goals are to provide students' knowledge that goes beyond the basics for: 1) Recording more advanced accounting transactions. 2) Analyzing transactions in order to prepare adjusting entries. 3) Preparing financial statements that include more advanced items. 4) Understanding the main differences between financial reporting under US GAAP and IFRS. *PREREQ: ACCT207, ACCT208. RESTRICTIONS: Requires sophomore status.*

ACCT 316-080 Intermediate Accounting II (Free-Standing)

Paretta, Robert

This course is an enhanced version of the normal Intermediate II course. It is a continuation of the 315 Honors class and is designed to provide Honors students a foundation for professional training as accountants in intermediate financial accounting topics under US GAAP. It offers the background required for passing the related topics on the CPA exam. The course goals are to provide students knowledge that goes beyond the basics for: 1) Recording more advanced accounting transactions. 2) Analyzing transactions in order to prepare adjusting entries. 3) Preparing financial statements that include more advanced items. 4) Understanding the main differences between financial reporting under US GAAP and IFRS. *PREREQ: ACCT315. RESTRICTIONS: Requires junior status and a grade of C- or better in ACCT315.*

ACCT 425-080 Strategic Information Systems and Accounting (Add-On)

Basoglu, Kamile Asli

This course explores the role of accounting and information systems in accomplishing the strategic goals of the business entity. Students will be exposed to accounting information systems and the Web 2.0 environment, the XML (Extensible Markup Language) foundation and two XML vocabularies (UML and XBRL), enterprise-wide computing, Web Services, Sarbanes-Oxley internal control framework, and cases, projects, and readings related to strategic information systems in business. Honors students will be required to complete a research project addressing a current topic in AIS (determined each semester) and submit a paper with the results. *Open to Honors JR & SR ACCT majors only. PREREQ: ACCT 302 & ACCT 316. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Animal and Food Science (ANFS)

ANFS 101-080 Animals, Science and Society (Add-On)

Griffiths, Lesa/Gressley, Tanya

This course involves an in-depth look each week at specific disciplines discussed in ANFS 111. Dairy animals are used as a model to focus on current management practices related to nutrition, genetics, health and behavior. Students will be assigned a hands-on project to monitor and evaluate growth and health of a calf. In addition, students will critically evaluate scientific papers and develop their own paper related to a current issue in animal science. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Offered in Fall only. Open to incoming Honors ANFS majors only. Meets with the regular section and for a weekly Honors-only discussion.*

ANFS 230-080 Foodborne Diseases: Investigating Outbreaks (Add-On)

Kniel-Tolbert, Kalmia Elisabeth

This course is a critical review of foodborne and waterborne outbreaks of viral and parasitic origin. It will present current issues in light of developments related to food safety and public health. Emphasis on factors that influence the outcome of an outbreak, including: emerging pathogens, virulence factors, epidemiological techniques, rapid detection methods, and quantitative risk assessment. Honors students will examine, in depth, the role of epidemiology in given case studies, while studying current case studies and even writing their own. Gain a new outlook on foodborne illnesses through contemporary readings and analysis of current media coverage. *Meets with the regular section and at an additional time that will be decided upon by the consensus of students and faculty.*

ANFS 332-080 Introduction to Animal Diseases (Add-On)

Keeler, Calvin

This course focuses on the nature and mechanisms of disease processes with emphasis on their prevention and control. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ANFS140. Meets with the regular section.*

ANFS 442-080 Lactational Physiology (Add-On)

Gressley, Tanya

Physiology and metabolism of lactation are evaluated at the cellular, tissue, organ, and whole animal levels. Emphasis areas include nutrient biochemistry, endocrinology, the nervous system, and mammary gland structural response to stage of reproduction. Examples primarily come from commercial dairy species, rodents, and humans. Honors students will conduct an in-depth evaluation of mastitis at the University of Delaware dairy farm. This will involve regular milk sample collection from cows with mastitis followed by laboratory analysis of those samples. Students will share their results with dairy staff and propose management decisions. *Meets with the regular section and some outside of class meetings required.*

ANFS 451-080 Seminar: Emergency Animal Management (Add-On)

Benson, Eric

All animals are at risk during a disaster. Recent disasters such as Hurricane Katrina have illustrated the potential problems and pitfalls that can occur during a widespread weather event. Diseases, weather, and human centered activity can cause tremendous disruption to companion animals and animal agriculture. Emergency Animal Management has far reaching consequences from local and national policy through implementation. The course will address Emergency Animal Management from the roles of individual owners, state and government agencies, and private veterinarians. Emergency response often utilizes a framework that includes biosecurity, surveillance, quarantine, treatment, disposal, and disinfection. This course will discuss the procedures and processes used for each of the major steps and address the impacts on discuss livestock, companion animal, and specialty animals. Current events showcase the importance of emergency animal management. During the 2014 course, Ebola reached pandemic stage. During the 2015 course, the country suffered the worst animal health disaster in United States history with approximately 50 million birds impacted due to an outbreak of highly pathogenic avian influenza. As we move towards the 2017 course, the country seems poised for another outbreak. The concepts in the course are timely and essential. The Honors section will concentrate on societal and ethical considerations of emergency animal management. The Honors section develops a unique individual or group project to address one of the topics from the class. *Meets with the regular section with additional one on one or small group meetings.*

Anthropology (ANTH)

ANTH 104-080 Introduction to Archaeology and Biological Anthropology (Add-On)

Rocek, Thomas

This course examines the fossil and archaeological record of human biological and cultural evolution, emphasizing how archaeological and biological anthropological research is conducted, and how the treatment of data distinguishes these as scientific disciplines. Honors students meet with the instructor approximately every two weeks to discuss additional readings relating to biological and cultural evolution. They also prepare a writing assignment based on selected articles on biological evolution, and carry out several projects exploring archaeological methods in consultation with the instructor. *Neither ANTH major nor degree credit for ANTH102 or ANTH103 will be granted if ANTH104 is taken. Some seats reserved for first-year incoming Honors ANTH majors. Meets with the regular section.*

ANTH 202-080 Genes Bones Human Evolution (Add-On)

Rosenberg, Karen

This course will be a survey of the human fossil record from the origin of the human species to the establishment of agriculture. Topics include evolutionary theory, anatomical interpretation, and reconstruction of early social behavior. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

ANTH 222-080 Technology and Culture (Add-On)

Roe, Peter G

This course covers primitive and pre-industrial technologies, theoretical issues of innovation, diffusion and adaptation, and the relationship between technology and other aspects of culture. Honors students must write an extended research paper that extends the analysis of the theoretical component, the cultural dimensions of technology. A research paper proposal and outline are required assignments. *Meets with the regular section.*

Arab (ARAB)

ARAB 200-080 Advanced Intermediate Arab (Add-On)

Masmoudi, Ikram

A continuation of ARAB107. Emphasis is on reading and viewing authentic materials from Arab media, in order to improve reading, writing and listening skills and to increase knowledge of Arab culture. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

PREREQ: ARAB107. Meets with the regular section.

ARAB 205-080 Arabic Conversation (Add-On)

Masmoudi, Ikram

Focuses on improving oral communication skills through discussion of various topics related to modern, social and cultural life in the Arab World. It includes grammar review and writing practice. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

PREREQ: ARAB200. Meets with the regular section.

Art Conservation (ARTC)

ARTC 301-080 Care and Preservation of Cultural Property (Add-On)

Cassman, Vicki

This course will serve as an introduction to the practice of conservation, specifically conservation history, ethics, examination and documentation. The class will provide students with a basic knowledge of conservation terminology, conservation literature and research resources, methods of conservation documentation, and prepare students for conservation internships. Students enrolled in the Honors section will meet with the instructor for additional discussion and conservation projects oriented toward treatment or survey, with an additional writing assignment. *Open to ARTC majors only. Requires permission from the instructor. Meets with the regular section.*

ARTC 495-080 Preservation Capstone (Add-On)

Staff

This course will call upon students to summarize and synthesize the previous three years of a student's undergraduate career in Material Culture Preservation major. The faculty completes the undergraduate experience and prepares students for their next step (job market or graduate school). The course will include career advisement and assessment of learning using exams, the creation of portfolios, and oral presentations of internship or research experiences. The Honors section will include an applied project working with conservation outreach, treatment, or survey project. This will require a final report and an oral presentation to the class or to ARTC 101. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets after the regular section.*

Art History (ARTH)

ARTH 153-080, 080D Introduction to Art History: Pyramids to Cathedrals (Add-On)

Petersen, Lauren

This course is a survey of art and architecture from the ancient world through the Middle Ages studied in historical and cultural contexts. Topics include: Egyptian pyramids, ancient Greek and Roman monuments, and medieval manuscripts and cathedrals. Students will have the opportunity to travel to local museums to look at art studied in class, in addition to deepening their understanding of the course material by meeting weekly for discussion sections with the professor. *Meets with the regular section.*

ARTH 209-080 Early Medieval Art (Add-On)

Nees, Lawrence

This course covers painting, sculpture and architecture in Europe and the Near East. It also includes surveys the earliest Christian art as well as Byzantine, Early Islamic, Anglo-Saxon and Carolingian art.. Students in the Honors section will have a more ambitious and independent paper assignment for the

course, and at least one additional writing assignment. If schedules permit, there may be separate meetings with the professor, and a field trip to the Walters Art Gallery in Baltimore. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

ARTH 222-080 Baroque Art (Add-On)

Stone, David

Seventeenth-century European painting, sculpture and architecture in its social-historical context. Emphasis on such major artists as Caravaggio, Bernini, Rubens, Rembrandt, Vermeer, Poussin and Velasquez. Discussion of the rise of genre, still-life and landscape painting, as well as the role of patronage. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

ARTH 227-080 Modern Art: The 19th Century (Add-On)

Werth, Mary

This course will examine the history and theory of art from 1789-1900, including neoclassic, romantic, realist, impressionist, and post-impressionist movements. The Honors component includes an honors field trip to an area museum and two short oral presentations and papers written about works of art in the museum's collection. *Meets with the regular section.*

ARTH 233-080 Art and Architecture in China (Add-On)

Rujivacharakul, Vimalin

Through examination of art, architecture, and archaeology, approaches China as an historical and cultural unit. Emphasis on archeological sites, artifacts, art objects, and architecture in China, with additional materials from nearby regions. Thematic coverage of Chinese history, from Neolithic sites to buildings in the twentieth century. Interdisciplinary approach. Honors students will have opportunity to visit archives and museums to consult primary materials and studying objects. Additional assignments, including one report and an interview with curators/archivists/architects, aim at enriching students understanding of Chinese history through objects and edifices. *Meets with the regular section.*

ARTH 301-080 Research and Methodology in Art History (Add-On)

Chapman, H. Perry

The course examines the methods and major approaches to advanced art historical study, together with the practical aspects of research and work in art historical professions such as education, historic preservation, museums, and galleries. The course offers experience with original works of art. Students enrolled in the Honors section will have additional opportunities to discuss critical readings on Art History as a discipline, learn to do archival and museum research, and attend and discuss lectures by professionals in the field. *Open to JR and SR ARTH majors only. Meets with the regular section.*

Behavioral Health and Nutrition (BHAN)

BHAN 311-081 Issues in Health Behavior Science (Add-On)

Peterson, P Michael

Issues surrounding health behavior science, with emphasis on role of professional in promoting individual and community behavior change. Honors students have an additional assignment designed to enhance their abilities to discern and analyze a health issue. Specifically, students will research a health issue and determine how it is covered in the media, with particular attention to bias, fake news, and scientific support. They will meet with the professor to present their findings. *PREREQ: BHAN155. Meets with the regular section.*

Biology (BISC)

BISC 207-080, 080L/081L Introductory Biology I and Lab (*Free-Standing*)

Nauen, Jennifer

The course focuses on the basic structure and function of cells, mechanism of cell division, genetics, molecular biology and the chemistry of biology. Classes are a mix of lecture, problem set and discussion. The laboratory explores principles of experimental design, data presentation, and analysis. The lab addresses questions which relate to lecture content. In addition, it teaches technical laboratory skills, and focuses on scientific writing and data presentation. *Open to incoming first-year Honors students only. COREQ: CHEM 103 or CHEM 111.*

BISC 207-084/084L, 085/085L, 086/086L, 087/087L Introductory Biology I and Lab (*Free-Standing*)

Hlousek-Radojicic, Alenka

The course is based on student centered active learning pedagogies that enable students to explore basic structure and function of cells, mechanisms of cell division, genetics, molecular biology and metabolism. Laboratory work is grounded in the principles of experimental design and provides opportunities for experimentation, data analysis and presentation using both written and oral formats. Guided and open inquiry lab activities enable tight collaborative work between practical and theoretical spheres of the course. *The course is offered to incoming first-year Honors students only. COREQ: CHEM107. THIS IS AN INTEGRATED SECTION. Must also register for CHEM107 084 and 084L/085 and 085L/086 and 086L/087 and 087L.*

BISC 306-080 General Physiology (*Free-Standing*)

Cain, William

The course focuses on the basic structure and function of cells, mechanism of cell division, genetics, molecular biology and the chemistry of biology. Classes are a mix of lecture, problem set and discussion. The laboratory explores principles of experimental design, data presentation, and analysis. The lab addresses questions which relate to lecture content. In addition, it teaches technical laboratory skills, and focuses on scientific writing and data presentation. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BISC208 and two semesters of chemistry.*

BISC 403-080 Genetics (*Free-Standing*)

Selva, Erica

This course will examine the physical and chemical basis of heredity, the nature and mechanisms of gene action.

Biomedical Engineering (BMEG)

BMEG 301-080 Quantitative Cellular Physiology (*Add-On*)

Price, Christopher

This course studies mammalian cellular physiology from a quantitative viewpoint. Principles include i) cellular and molecular biology, ii) communication, integration, and homeostasis, iii) and nervous, musculoskeletal, and endocrine systems. Topics include molecular and cellular physiology, neurophysiology, musculoskeletal physiology, sensory physiology, somatic and autonomic nervous system physiology, and endocrine physiology. Please contact the instructor for the specific Honors components and the grading rubric for the *Honors work*. *PREREQ: BISC207, CHEM103, CHEM104, or*

CHEM107 and CHEM108, and MATH241. RESTRICTIONS: Open to BMEG students; ENGG students may take it with the instructor's permission. Meets with the regular section.

BMEG 310-080 Bioengineering Mechanics (Add-On)

Rooney, Sarah

Introduction to statics, dynamics and mechanics of solids with application to biomedical problems. Honors students will explore deeper applications of statics and mechanics principles to biologic systems by identifying, formulating, and solving their own problems. The applications will broaden the students' perspectives on global health engineering. *Meets with the regular section.*

BMEG 310-081L Bioengineering Mechanics (Add-On)

Restrepo, Parra

Introduction to statics, dynamics and mechanics of solids with application to biomedical problems. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

BMEG 450-080 Biomedical Engineering Design (Add-On)

Rooney, Sarah/Bhatia, Sujata

This course includes open-ended team-based design projects in the medical devices or research arena. Topics include systems approach requiring design strategy and concepts, including reliability, safety, ethics, economic analysis, marketing, FDA regulations, and patents. Honors projects are developed in partnership with the faculty advisor and project sponsor and are commonly extensions of the core design project that is to be completed by the interdisciplinary student team. Honors projects may include, but are not limited to, benchtop or clinical research studies involving the application of the design project, computational or advanced engineering analysis of the design, or comprehensive literature review and manuscript preparation, again involving the design project or application. *Open to SR BMEG majors only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Business Administration (BUAD)

BUAD 110-080 Basics of Business (Free-Standing)

Sivaraman, Anuradha

This course is an introduction to business for majors to inform them about each of the functional areas of business through lectures, readings, discussions, guest speakers, cases and projects. The course will include topics relating to operations, marketing, finance, management, accounting and management information systems, as well as business ethics, and critical thinking and decision making. *Open to Honors FR BE majors only.*

BUAD 110-081 Basics of Business (Free-Standing)

Moffa, Lou

This course is an introduction to business for majors to inform them about each of the functional areas of business through lectures, readings, discussions, guest speakers, cases and projects. The course will include topics relating to operations, marketing, finance, management, accounting and management information systems, as well as business ethics, and critical thinking and decision making. *Open to Honors FR BE majors only.*

BUAD 301-080 Introduction to Marketing (Free-Standing)

Herzenstein, Michal

This course provides students with a foundation in Marketing. Topics include marketing strategy, marketing research, consumer behavior, product management, pricing, advertising, persuasion, and current trends in marketing. *Requires sophomore status.*

BUAD 306-080 Service and Operations Management (Free-Standing)

Fleischhacker, Adam

All businesses need the basic functions of Finance, Marketing, Management, and Operations Management to operate effectively. Operations Management is the function that makes the firm run efficiently while producing the firm's products or providing the firm's services to customers. Learn how a company can enhance its bottom line by improving the way that it forecasts sales, schedules production, manages inventory, and performs quality control. This class incorporates active learning opportunities for students as they learn how to apply decision-making models to make better business decisions. The class includes group projects in which some of the models will be applied to business settings to improve the operation of the firm. *Open to students whose majors require the course. PREREQ: MATH201. Requires junior status.*

BUAD 441-080 Strategic Management (Free-Standing)

Watson, Sharon

Strategic management is a course about the decisions top managers make that determine the future directions of the organization. Topics include identifying and evaluating a firm's strategy, analysis of a firm's competitive position within its industry, and understanding how firms create and sustain a competitive advantage. We also will study corporate diversification, merger and acquisition strategies and strategies for competing globally. The goal of the course is to provide students with the concepts and analytical tools needed to better evaluate the strategic moves top managers make to improve their firm's competitive performance. Honors students will engage in in-depth class discussions of business cases, complete projects involving a high level of teamwork, and develop and deliver professional presentations in a case competition. *Open to SR HD candidates only. RESTRICTIONS: Requires senior standing in business administration, finance or accounting. PREREQ: BUAD 301, BUAD 306, BUAD 309, & FINC 311. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. IMPORTANT NOTE: This course will be offered as an Honors course in the Fall semester only.*

BUAD 479-080 Marketing Strategy for the Firm (Free-Standing)

Sundaram, Suresh

The application of management decision processes and strategies to the integration of the firm's total marketing mix. Multifaceted problems are studied in large, medium and small firms. Students analyze cases and other real marketing problems. Honors students will engage in in-depth class discussions of business cases, complete projects involving a high level of teamwork, and develop and deliver professional presentations. *Open to SR HD candidates only. RESTRICTIONS: Requires senior standing in business administration, finance or accounting. PREREQ: BUAD 301, BUAD 306, BUAD 309, & FINC 311.*

Cognitive Science (CGSC)

CGSC 330-080 Philosophy of the Mind (Add-On)

Adams, Frederick

In this course we will consider some of the traditional problems associated with the mind body problem. For example: Is the mind the brain or is it nonphysical? What makes something a mental state or a mind? We shall also look at some of the more recent issues in philosophy of mind. We will consider work on the nature of consciousness and look at claims about whether we can make computers that can think. We will close by looking at work in cognitive ethnology where the goal is to discover as much as we can

about the minds of nonhuman animals. The grades will be determined on the basis of quizzes, short papers, and a final exam. The format will be lecture and discussion. Class participation will be an important component of the course. The Honors experience will involve additional readings summaries and opportunities to attend campus lectures on topics related to the material for the course. *Cross-listed with PHIL 330-080. Meets with the regular section.*

Chemical & Biomolecular Engineering (CHEG)

CHEG 231-080/081 Chemical Engineering Thermodynamics (Add-On)

Buttrey, Douglas/Enszer, Joshua/ Eric Furst

This course covers the following topics: the first law energy balance; the entropy balance; thermodynamic constitutive equations for gases and liquids; thermodynamic cycles and energy conversion; and stability. It also examines Kinetic Theory and Partition functions. Students enrolled in the Honors sections of Chemical Engineering Thermodynamics will attend an additional one hour lecture each week. The Honors section will discuss course topics in greater depth and introduce students to the molecular theory of thermodynamics, including the statistical thermodynamics of the ideal gas, liquids and solids. Advanced modeling with the ASPEN software package will be introduced. *PREREQ: A minimum grade of C- in CHEG 112 or, for environmental engineering majors, in CIEG 233. A minimum grade of C- in MATH 243. Meets with the regular section.*

Chemistry and Biochemistry (CHEM)

CHEM 103-080 Lecture & 080, 081 Lab/Discussion General Chemistry (Free-Standing)

Burke, Kathryn

CHEM 103 examines the basic principles necessary to understand the composition, properties, and reactivity of matter. The topics will include: atomic theory, chemical reactions, stoichiometry, thermochemistry, molecular structure, bonding, and states of matter. The course is designed for students majoring in the sciences and engineering; one year of high school chemistry is assumed. The course format is lecture-based with critical thinking and problem solving emphasized through class discussions and group problem solving exercises. The laboratory provides hands-on experiences to complement and reinforce the concepts discussed in class. NOTE: Enroll separately for both a lecture and a lab section. *Open to incoming first-year Honors students only. PREREQ: one year of high school chemistry. COREQ: MATH 114 or higher. Students whose MATH Placement Examination score placed them in MATH-221 or higher need not take a MATH course coincident with CHEM-103. RESTRICTIONS: For majors in the physical and natural sciences, mathematics and engineering. Only one course among CHEM101, CHEM103, CHEM105, CHEM107, and CHEM111 can count toward graduation.*

CHEM 107-084/084L, 085/085L, 086/086L, 087/087L General Chemistry Life Sciences I

(Free-Standing)

Fajardo, Jacqueline

CHEM 107 examines the basic principles necessary to understand the composition, properties, and reactivity of matter. The topics will include: atomic theory, chemical reactions, stoichiometry, thermochemistry, molecular structure, bonding, and states of matter. The course is designed for students majoring in the sciences and engineering; one year of high school chemistry is assumed. The course format is lecture-based with critical thinking and problem solving emphasized through class discussions and group problem solving exercises. The laboratory provides hands-on experiences to complement and reinforce the concepts discussed in class. NOTE: Enroll separately for both a lecture and a lab section. *Open to incoming first-year Honors students only. COREQ: MATH 114 or higher. MATH115 or MATH117 strongly recommended. RESTRICTIONS: For majors, primarily in the biological, agricultural, and health sciences, as well as biomedical engineering, whose plan of study requires both CHEM107 and BISC207. Only one course among*

CHEM101, CHEM103, CHEM105, CHEM107, and CHEM111 may count toward graduation. Must also register for BISC 207-084 & 084L/085 & 085L/ 086&086L/087&087L.

CHEM 111-080& 080D, -081 & 081D, -082 & -082D

General Chemistry for Majors and Chemical Engineering (*Free-Standing*)

Groh, Susan E

CHEM 111 Honors is the first half of a yearlong, in-depth exploration of fundamental principles underlying modern chemistry and biochemistry for biochemistry, chemistry, chemical engineering and environmental engineering majors. CHEM 111 Honors focuses on the molecular-level characteristics and behavior of matter. Topics addressed include atomic theory; stoichiometry; the physical atom and mass spectrometry; structures, behavior and reactions of ionic compounds; electronic structure and periodicity; structures and bonding models of covalent compounds; metallic bonding and band theory, and the behavior of gases. Examples and applications are drawn from a variety of disciplines and situations to illustrate the power of "thinking molecularly" in modern science. The course format incorporates problem-based learning and other active learning strategies in addition to lectures and group discussions. The Honors section presupposes that students have mastered the equivalent of a strong high school chemistry course, and moves at a pace appropriate for that background. Compared to the regular section, CHEM 111 Honors explores the topics above in greater depth and with broader extensions. Class assignments and exams emphasize analysis and application of ideas in addition to core knowledge. *Open to incoming first-year Honors students only. PREREQ: Minimum of one year of high school chemistry; two years strongly recommended. COREQ: CHEM 115 (for CHEM, BIOCHEM and CHEM ED majors) and MATH117 or higher MATH course. RESTRICTIONS: For biochemistry, chemistry, and chemical engineering majors.*

CHEM 115-080/081L, 082L, Introduction to Chemical Science (*Free-Standing*)

Brown, Steven

This course is laboratory based and focuses on aqueous inorganic chemistry: synthesis and characterization. There will be individual, pair, and group experiments with required reports. Topics include: Acid/base equilibria; Solubility and K_{sp} ; Conductivity. *COREQ: CHEM 111. RESTRICTIONS: For first-year BS majors in Chemistry and Biochemistry. Fall semesters only. Open to incoming Honors first-year majors only.*

CHEM 331-080, 081D, 082D Organic Chemistry (*Free-Standing*)

Chain, William (Chain, William/Reid, William for 081D, 082D)

This course covers major classes and reactions of organic compounds, emphasizing stereochemistry, reaction mechanisms and synthetic methods. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: CHEM104, CHEM108, CHEM112 or CHEM120. COREQ: CHEM333. RESTRICTIONS: For chemistry, biochemistry, chemical engineering and other majors desiring fuller treatment than in CHEM321. CHEM321 and CHEM331 cannot both count toward graduation.*

Chinese (CHIN)

CHIN 200-080 Chinese Grammar and Composition (*Add-On*)

Yang, Haihong

This course aims at a further development of all four language skills which the students have acquired from the 100-level CHIN courses. In particular, the course emphasizes a further study of advanced Chinese grammar and basic essay writing. In this course students will not only learn authentic Chinese in terms of idiomatic usages, familiar sayings, and sophisticated grammar structure, but get to know

Chinese society and culture as well. By the end of this course, students should have commanded around 250 new words and/or phrases in order to engage in a linguistically and culturally sophisticated communication in Chinese. Honors students will read one more essay and give an oral presentation on that essay. *PREREQ: CHIN 107 or instructor's permission. Meets with the regular section.*

CHIN 204-080 The Art of Chinese Calligraphy (Add-On)

Tu, Chung-Min

This course will require students to hand in a 5 page short paper on the interactive dynamics between Chinese calligraphy and other realms of Chinese culture, such as philosophy, religion, medicine and literature. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

CHIN 350-080 Business Chinese (Add-On)

Dong, Zhiyin

CHIN350 aims to prepare students for effective communication in casual and formal business settings in Chinese society. This course incorporates discussion of Chinese business culture and etiquette in order to promote socially appropriate language use. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Two CHIN courses at the 200 level and one CHIN course at the 300 level, with the exception of CHIN 206. Meets with the regular section.*

CHIN 451-080 Seminar: Advanced Readings in Chinese Literature and Culture (Add-On)

Yang, Haihong

This course aims to improve students' reading and writing proficiency through rigorously reading and responding to literary works and essays related to the issues facing Chinese intellectuals. Students will have chance to develop their skills to accomplish abstract reasoning in addition to being able to narrate and describe. The selected essays will provide an intensive look at some of the most important social and cultural issues in modern and contemporary China. The course may have a dual-track approach, requiring the completion of both class-wide and individually designed projects. Honors students will read one more essay and give an oral presentation on that essay. *PREREQ: CHIN355 and CHIN350. RESTRICTIONS: May be repeated one time for credit. Meets with the regular section.*

Civil and Environmental Engineering (CIEG)

CIEG 211-080 Statics (Add-On)

Jayne, Allen

This course includes an analysis of force systems and equilibrium of rigid bodies in two and three dimensions, a determination of centers of gravity and of centroids, and an analysis of statically determinate trusses, simple frames and "machines." The Honors section will involve additional 50-minute meetings with the course instructor to investigate real world applications of the concepts being covered in class. Students will solve problems in teams, and will research relevant problems individually and present the results to each other. *COREQ: MATH 243. Open to CIEG majors and minors. Meets with the regular section.*

CIEG 301-080 and 080L Structural Analysis (Add-On)

Allen, Jayne

This course discusses design procedures and criteria, moment, shear, and axial force diagrams of statically determinate structures like beams, frames, and arches. It also includes a discussion of displacement, stress, and stability analyses of statically determinate and indeterminate structures, using differential equations. There is a discussion of energy methods and an introduction to matrix methods. Honors students will have several extended homework assignments as well as one extra

assignment in form of a small project or a paper review. *PREREQ: CIEG 212, MATH242. Open to CIEG majors and minors. Meets with the regular section.*

CIEG 461-080 Senior Design Project (Add-On)

Januszka, Ted/Butler, Paul/ Horsey, Philip

This course will include work with off-campus faculty from engineering firms on a multi-discipline, team-based design project requiring knowledge and skills acquired in previous courses, producing a proposal for engineering services and the preliminary engineering for the project. Honors students perform a critical review, as a group, of selected course content, and they orally present a summary of the same to the course coordinator at the end of each semester. *Open to SR CIEG majors only. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation and if both semesters (4 cr.) are taken for Honors credit. Meets with the regular section.*

CIEG 486-080 Engineering Project Management (Add-On)

Lee, Earl

This course aids in understanding the principles of planning, controlling, and evaluating engineering projects. Students will learn the use of tools and techniques and practice their use on a personal project. Topics include project organization, project budgeting and scheduling, resource allocation and leveling, change control, and communications. The Honors section will complete two case studies with written reports and an in class presentation on one of the cases. *Open to CIEG majors and minors only. Meets with the regular section.*

Computer and Information Science (CISC)

CISC 106-080/081/080L, 081L General Computer Science for Engineers (Free-Standing)

Harvey, Terrence

This course analyzes principles of computer science illustrated and applied through programming in Python, and an introduction to MATLAB. Programming projects illustrate computational problems, styles, and issues that arise in engineering computation. Students are expected to think creatively, analytically, and critically as they design solutions to under-specified problems, and then represent their solutions in a programming language. Students will learn about good programming style and will be graded on style and efficiency in both assignments and exams. All students are expected to participate verbally in class, and to work on some assignments in teams. Most programming will be done in pairs, although students will be expected to write code alone during exams. The Honors section has programming projects that are significantly more challenging than those assigned in the regular section. Previous programming experience is not a prerequisite to CISC106, but material is delivered more quickly and in more depth in the Honors section. *Open to incoming Honors first-year EG majors only. COREQ: MATH241 or any higher level MATH course. Students may not receive credit for both CISC106 & CISC108.*

CISC 108-080 & 080L Introduction to Computer Science I (Free-Standing)

Atlas, James

Computational thinking is a way humans solve problems; a creative outlet; a way to express abstract ideas in a tangible form. Everyone should learn how to use computational thinking to analyze problems and design computational solutions, even if they do not study Computer Science. Topics include functional programming, data abstraction, procedural abstraction, use of control and state, recursion, testing, and object-oriented programming concepts. Projects include graphical games. This course requires no prior programming experience, and only high-school algebra. Lecture meets with a regular section; the Honors content is in the lab and uses more advanced assignments. Past examples include the development of dynamic web content, networked graphical games, and smartphone app development. *Some seats reserved for incoming Honors first-year majors. COREQ: MATH115, MATH117, or any higher-level math*

course or math placement level. Student may not receive credit for both CISC106 & CISC108. Meets with the regular section.

CISC 220-080& 080L Data Structures (Free-Standing)

Atlas, James

This course includes the review of data type abstraction, recursion, arrays, stacks, queues, multiple stacks and linked lists. There is an emphasis on dynamic storage management, garbage collection, trees, graphs, tables, sorting and searching. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: A minimum grade of C- in CISC181. COREQ: MATH 210 or MATH 241.*

CISC 475-080/080L Advanced Software Engineering (Add-On)

Boykin, James

Through this course you will understand and apply a complete modern software engineering process. Topics include: requirements analysis, specification, design, implementation, verification, and project management. Real-life team projects cover all aspects of the software development lifecycle, from the requirements to acceptance testing. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Either CISC275. CISC361 is recommended. Open to SR students only. Credit cannot be received for both CISC475 and CISC675. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Communication (COMM)

COMM 256-080 Principles of Communication Theory (Add-On)

Mortenson, Steven

Students will see communication theories illustrated in the ongoing research projects of published scholars. Experts will visit class to speak about their research. Topics range from political communication, internet-based communication, cultivation of violence and sex-roles, persuasion, and intercultural communication. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to incoming Honors COMM Interest majors only. Meets with the regular section for lecture; separate Honors discussion.*

COMM 341-080 Theories of Interpersonal Communication (Add-On)

Staff

This course includes an in-depth study of a set of issues relevant to interpersonal communication. Along with the responsibilities of students enrolled in COMM341-010, each student enrolled in the Honors component will generate a theory relevant to a topic area of her or his interest. *Open to Honors COMM and COMI majors only. Meets with the regular section.*

COMM 370-080 Theories of Mass Communication (Add-On)

Young, Dannagal

This course is “an examination of the foundations and development of theories of mass communication.” Students enrolled in the Honors section will explore mass communication theories illustrated in the ongoing research projects of published scholars. Throughout the semester experts will visit class to speak about their research and the theories upon which it is based. Students meet with the regular section of COMM370 and have a separate, weekly Honors discussion. *Open to Sophomore, Junior, and Senior COMM majors only. Meets with the regular section.*

Computer Engineering (CPEG)

CPEG 460-080 Introduction to VLSI Systems (Add-On)

Kiamilev, Fouad/Barakhshan, Peyman

This course is a study of CMOS VLSI devices, circuits and systems implemented in VLSI. There will be use of CAD tools for the design and simulation of VLSI. Topics include the performance and limitations of VLSI systems, low level circuit design and system design with an emphasis on digital systems. There will be a major chip design project required. The Honors component of this course is that students are asked to prepare additional materials for their design project. The design project counts as 50% of the grade in CPEG460. *RESTRICTIONS: Students should have previous knowledge of logic design and MOS transistor operation. Meets with the regular section.*

CPEG 498-080 Senior Design I (Add-On)

Cotton, Charles

Students apply their accumulated classroom knowledge to an electrical and computer engineering design problem. Students work in small teams and must present their finished designs at the end of the term. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Cross-listed with ELEG 498-080. Meets with the regular section.*

Criminal Justice (CRJU)

CRJU 301-080 Introduction to Legal Studies (Add-On)

Rise, Eric

This course introduces legal studies as a multidisciplinary field. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to Majors and Minors. Meets with the regular section.*

CRJU 350-080 Gender and Criminal Justice (Add-On)

Miller, Susan

Most of our knowledge about crime and the criminal justice process is informed by male experiences. This course shifts the focus to examine the ways our legal and social systems affect and influence women's lives. Not only will we examine the various formal and informal controls that restrict women, but we will also examine how these issues intersect one's race, class, sexual orientation, and gender positions in our society. Special criminal justice field experiences (police, courts, women's prison) will be part of the Honors component. *Cross-listed with WOMS 350-080. Open to Honors CRJU and WOMS majors only. Meets with the regular section.*

Economics (ECON)

ECON 101-080, 081 Introduction to Microeconomics: Prices and Markets (Free-Standing)

Bayley, Elizabeth Barbara

This course introduces supply and demand concepts with basic economic graphs. It examines models of perfect and imperfect competition and the determination of product price and quantities and covers current microeconomic issues such as the effect of government regulation and environmental problems. The Honors students in this course develop a more extensive and critical understanding of the basic economic models. Students assume substantial responsibility for course content, including two oral presentations. *Most seats reserved for incoming first-year Honors students. COREQ: One of the following: MATH 114, MATH 115, MATH 117, MATH 221, MATH 241, MATH 242, MATH 243 or higher. Can be either a prerequisite or a corequisite.*

ECON 101-082/083 Introduction to Microeconomics: Prices and Markets (*Free-Standing*)

Asarta, Carlos

This course introduces supply and demand concepts with basic economic graphs and equations. It examines models of perfect and imperfect competition and the determination of product price and quantities. This course covers current microeconomic issues such as the effect of government regulations and international trade. It develops a more extensive and critical understanding of the basic economic models. *COREQ: One of the following: MATH 114, MATH 115, MATH 117, MATH 221, MATH 241, MATH 242, MATH 243 or higher. Can be either a prerequisite or a corequisite. Most seats reserved for incoming first-year Honors students.*

ECON 103-080 Introduction to Macroeconomics: National Economy (*Free-Standing*)

Brucker, Eric

This course analyzes the determination of unemployment, inflation, national income, and policy issues relating to how the government alters unemployment, inflation, and economic growth through control of government spending, taxes, and the money supply. Current issues, such as those relating to the current recovery in the United States, Federal Reserve monetary policy, and the impact of tax and spending measures on the severe recession of 2008-10, are used to illustrate the analysis. *PREREQ: ECON 101.*

ECON 301-080 Quantitative Microeconomic Theory (*Free-Standing*)

Mulligan, James

ECON301 more fully develops and extends microeconomic concepts introduced in Economics 101. The course develops models of consumer and firm behavior that serve as a foundation for further study in the fields of economics and business. The course begins by developing theoretical models of consumer choice and demand, and of firm production and costs. These models are then combined to analyze the impact of competition on market outcomes and to illustrate how microeconomic theory can be used to predict and explain how markets operate. The analysis is conducted using calculus, algebra, and graphical models. The Honors section incorporates more advanced problems than those required in non-honors sections. These problems challenge students to 1) apply tools developed in class to economic problems and settings that are not specifically addressed during class discussion 2) build on models developed in class to conduct more in-depth analysis, and 3) think about how additional mathematical concepts (not specifically covered in class but presented in the prerequisite mathematics courses) would be useful in conducting economic analysis. Six problem sets are assigned during the semester. The Honors course also includes a policy paper utilizing microeconomic theory to analyze a current policy question. *PREREQ: ECON 101 & MATH 221 or MATH 241 (recommended). Credit can be earned for only one among ECON251, ECON255, ECON300, or ECON301. Must earn C- or better in ECON101 and one of the following: MATH221, MATH222, MATH241, MATH242 or MATH243. Open to Honors ECON majors & minors & Honors MAEC majors only. BS Majors must take ECON301. Students who plan to earn an Honors Degree in Economics (BA or BS) must take ECON 301 Honors.*

ECON 308-080 Banking and Monetary Policy (*Free-Standing*)

Staff

This course covers the following topics: nature and economic significance of money, credit and the banking system; the origin and management of the money supply; effects of monetary changes on price levels, output, and employment. *Open to Honors ECON majors & minors only. PREREQ: ECON 103.*

ECON 340-080 International Economics (*Free-Standing*)

Black, David

This course provides the tools to analyze issues in international trade and finance. We review international trade theories that attempt to explain the pattern of trade in goods and its welfare implications. We also look at current barriers to international trade and how government policy affects trade. Then we focus on the balance of trade and open-economy macroeconomics, in particular exchange rate determination and exchange regime choice. The Eurozone crisis is addressed as well as other contemporary issues in international economics. *PREREQ: ECON 101 & ECON 103. ECON340 cannot be taken for credit after ECON441 and/or ECON443.*

ECON 435-080 Contemporary Macroeconomic Policy (Add-On)

Seidman, Laurence

This course examines unfolding events in the economy and the actions of policymakers. Special emphasis is placed on current policy actions of the Federal Reserve. Macroeconomic models studied in earlier courses are used to analyze current events. The honors component will have several Honors group required discussion sessions and an extra short paper (in addition to all work, including papers, assigned to the non-honors students). *PREREQ: ECON303. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

ECON 436-080 Seminar in Public Policy Economics (Add-On)

Craig, Eleanor

Students will read ten short books on current topics in economics, e.g., immigration, privatization, globalization, foreign aid, Canadian health care, African economic growth and poverty. They will choose 4 books on which to write papers, choosing a theme from each, and present their papers in a seminar fashion. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: One of ECON 251, ECON 255, ECON 300 or 301; and ECON 303. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

Education (EDUC)

EDUC 258-080 Cultural Diversity: Schooling and the Teacher (Add-On)

Matusov, Eugene

Examines roles and responsibilities of the classroom teacher vis-a-vis the demographic changes occurring in United States society and the public school student population. Topics include race, ethnicity, gender, sexual orientation, social class, poverty and language. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

EDUC 310-080 Reading and Writing in Elementary Schools (Add-On)

Coker, David

This course addresses the literacy development of students in elementary school. A primary focus is empirical research on relevant instructional practices. Classroom meetings are complemented by three, week-long field experiences, which require students to teach a variety of lessons. Honors students have additional assignments designed to deepen their understanding of effective literacy instruction. For one lesson, students analyze a lesson and meet with the professor to discuss their findings. For another assignment, students evaluate an article from the professional literature that connects with their instructional interests. *Open to EDUC majors only. Contact academic advisor for permission. PREREQ: EDUC 210. Meets with the regular section.*

EDUC 390-080 Classroom Management: Social and Emotional Learning (Add-On)

Lilly, Deirdre

This course focuses on creation of positive classroom learning environments by fostering children's social and emotional development, infusing behavior supports in academic instruction, enhancing motivation for learning, and establishing well-organized and respectful classrooms. An emphasis is placed on learning core concepts and practical research-based strategies. Field experience included. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *RESTRICTIONS: Open to ETE majors only. Contact academic advisor for permission. Meets with the regular section.*

Electrical Engineering (ELEG)

ELEG 312-080 & 080L Electronic Circuit Analysis II (Add-On)

Martin, Richard

This course includes the study of low-frequency and high-frequency response of RC-coupled amplifiers, Class A tuned amplifiers, tuned power amplifiers, frequency response and stability of feedback amplifiers, oscillators, modulation, and demodulation circuits. The Honors section will include a schematic capture and printed circuit board layout task as well as a field trip to a local company where analog circuitry is critical technology. *PREREQ: ELEG 309. Open to ELEG majors only. Meets with the regular section.*

ELEG 498-080 Senior Design I (Add-On)

Cotton, Charles

Students apply their accumulated classroom knowledge to an electrical and computer engineering design problem. Students work in small teams and must present their finished designs at the end of the term. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Cross-listed with CPEG 498-080. Meets with the regular section.*

Energy and Environmental Policy

ENEP 364-080 Research Internship

Byrne, John/Latham III, William/Scattone, Raymond/Shah, S Ismat

This course offers integration of educational study and practical experience in the work place in a planned and supervised learning setting. The main emphasis is the student's development of a research paper that will contribute to an advanced understanding of the topic area in which the student intends to write his or her Senior Thesis. Field work requires 150-200 hours in an organization in the field of energy and environmental policy. *RESTRICTIONS: Open to energy and environmental policy majors. Permission needed by department to take this course.*

ENEP 468-080 Research in Energy and Environment

Latham III, William/Byrne, John/Shah, S Ismat/Scattone, Raymond

This course examines advanced research concepts, methods and findings in the fields of energy and environment. In addition, it explores topics in support of student research with a focus on sustainability issues in Northern and Southern countries. *Permission needed from the department to take this course.*

ENEP 470-080 Readings in Energy and Environment

Latham III, William/Byrne, John/Shah, S Ismat/Scattone, Raymond

This course explores a range of concepts, issues and phenomena associated with energy and environmental policy. It allows student and instructor to interact dynamically in crafting a readings list building upon the student's interest in given topics. Successful completion of course should allow student to prepare a research paper summarizing key material and analyzing its substantive relevance to thematic concerns in the student's plan of study. *Permission needed from the department to take this course.*

ENEP 472-080 Senior Thesis

Latham III, William/Byrne, John/Shah, S Ismat

This course is an advanced senior research in the areas of energy and environmental policy under the direction and subject to approval of a program faculty advisor. It requires original research and application of energy and environmental theory and policy analysis on an energy and environmental problem. *RESTRICTIONS: Open to Senior ENEP Majors only. Seniors must complete 6 credits for Graduation. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

English (ENGL)

ENGL 324-080 Shakespeare (Add-On)

Brock, D Heyward

This course allows you to explore the diversity and richness of Shakespearean works. We will read representative poems, comedies, histories, and tragedies with an eye to how poetic or dramatic works alter the ways we understand elements of culture such as family, political power, or the uses of the imagination. As we read each play, we will also consider how Shakespeare's plays reflected and promoted aspects of the English Renaissance such as the emerging notions of individualism, representations of war, ideal relationships between men and women, and the appropriate uses of violence. Along the way, we will consider the larger question, why is "Shakespeare" as an institution so important for us? As Honors students, you will also have the opportunity to explore and research the continued life of Shakespeare through adaptation. As you may be aware, the life of Shakespeare's plays and poetry comes not only from theatrical productions, but also through the many ways that these texts manifest in contemporary culture. In this class, you will choose one of these forms of adaptation as a topic for your own research. You can focus on anything from the cultures of Shakespearean body-art, to filmic renditions of a single play, to graphic novels based on Shakespeare, to Shakespearean productions in non-traditional spaces (such as refugee camps). Your research will result in a ten-page research paper suitable for presenting to the class as a whole. *PREREQ: ENGL110. Meets with the regular section.*

ENGL 371-080 Harry Potter: N.E.W.T. Level (Add-On)

McKenna, Bernard

Do you consider yourself a Harry Potter expert? Well, only those who could achieve an Outstanding or Exceeds Expectations can handle this N.E.W.T. level exploration of Harry Potter's literary world. Through critical analysis as well as in-depth writing and discussion, you will develop a deeper understanding and appreciation of these texts that many consider modern-day classics. Honors students will be expected to choose a scene from one of the films that differs significantly from the books and explain how those differences change the way audiences relate to the characters or themes of the text.

ENGL 394-080 English Language: Rhetorical & Cultural Contexts (Add-On)

Alvarez, Deborah

Can "Aks" be a legitimate pronunciation of "Ask"? Who says "soda," who says "pop," and why? What are the linguistic characteristics of African American English and Spanglish? What do studies show about men's and women's discourse patterns? In this course, students investigate these and many other questions regarding the English language: how it evolves; how it affects and is affected by socio-cultural, economic, political, and historical factors; and how we can use this knowledge productively when interacting with others. Specifically, students gain an understanding and appreciation of language diversity across time periods, cultures, racial/ethnic groups, geographies, and social roles. Such understanding is essential for any aspiring professional; for example, teachers, writers, and editors need this awareness when working with people whose English is different from their own. In a project designed to help students apply this knowledge, we use the notion of culturally relevant pedagogy to

craft critical readings of and responses to local students' writing. Another major course project invites students to conduct a scientific inquiry into – and make an oral presentation on – an aspect of the English language that is of particular interest to them. Other course requirements include completing homework assignments such as rhetorical analyses, co-teaching a section of class, and compiling an end-of-semester course portfolio and reflection. Honors students in the course will read and discuss an additional book containing advanced methods of discourse analysis, then apply this knowledge as they choose an example of discourse, analyze it, and present their findings to their peers. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

ENGL 430-080/081 Legal Writing (Add-On)

Mink, Phillip

This courses on the analytical skills necessary to address a wide range of legal audiences: clients, opponents, judges, regulatory agencies, and legislators. Emphasis on creating a streamlined prose style that is suitable for any legal writing task. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ENGL110. Meets with the regular section.*

ENGL 480-080 Visions of heaven, shadows of hell (Add-On)

Larkin, Edward

Welcome to your Capstone experience in the English major teaching you new technology applications to examine literature and culture in innovative ways. You will learn basic digital humanities tools including what many consider the radical concept of “distant reading”:

<http://www.nytimes.com/2011/06/26/books/review/the-mechanic-muse-what-is-distant-reading.html>

We will focus these tools on exploring the literature and culture of the US during the American Revolution and its aftermath. At a moment in our history when the institutions and culture of democracy find themselves under such pressure in the US, this course and the tools of the digital humanities it employs, can help us think in new and different ways about the origins of our democracy and its relevance to the challenges we face in the modern world. In this respect, the capstone will invite you to think carefully about what it means to be a citizen in a democracy and deepen your understanding of the foundations of democratic culture. Honors students can choose from a variety of research options including multi-media projects; class presentations on special topics related to the texts; and participation in the symposium that will be held at the end of the semester. *PREREQ: ENGL110 and six ENGL credits at the 300 level or higher or by instructor consent. RESTRICTIONS: Can be repeated once when topics vary. Only counts toward major if taken as senior (after completing 90 credits). [Non-seniors are not excluded, but a student who completes the course before senior year must re-take the course as a senior for major credit.]. Satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

ENGL 480-081 Literary Studies Seminar (Add-On)

Larkin, Edward

Students will be encouraged to develop their own line of scholarly inquiry, which they will develop in 3 short responses, 1 presentation, 1 annotated bibliography, and 1 seminar-length final paper. Honors students will additionally develop a creative analytical project in consultation with the professor. *PREREQ: ENGL101, ENGL102. RESTRICTIONS: Can be repeated once when topics vary. Only counts toward major if taken as senior (after completing 90 credits). [Non-seniors are not excluded, but a student who completes the course before senior year must re-take the course as a senior for major credit.]. Satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

ENGL 491-080 Methods in Teaching Secondary English (Add-On)

Flynn, Jill

This course prepares students to design instruction that integrates all the English Language Arts, including reading, writing, speaking, listening, and viewing. The students gain instructional experience via a 45-hour practicum in their assigned student teaching classroom. In addition to regular ENGL 491 coursework, Honors students complete and share a research-based project. They meet with the instructor and the other Honors students for approximately 45 minutes for four weeks, read at least two articles or book chapters, write a response to those sources, and conduct research that will culminate in an action plan and digital presentation to share with the entire class. *PREREQ: ENGL110.*

RESTRICTIONS: Enrollment limited to English Education seniors. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.

Environmental Science (ENSC)

ENSC/ENVR 101-080 Introduction to Environment (Add-On)

Veron, Dana

This course offers a broad overview of the fields of environmental science and environmental studies. It is also an introduction to the spectrum of science and policy that is associated with environmental work and explore specific issues, perspectives and approaches from these varied areas. The Honors section of ENSC101 will meet with the regular section. In addition, Honors students will create a blog with short summaries of recent news articles related to environmental science, policy, and technological advancements, and we will meet once per week to discuss those blog entries. Honors students will be given flexibility on paper topics assigned in the regular section to enable them to further explore areas discussed in the Honors section if they choose. *RESTRICTIONS: Open to Freshman ENSC or ENVR majors only. Meets with the regular section.*

ENSC/ENVR 450-080 Pro-Seminar: Environmental Science (Add-On)

Rauscher, Sara

Discussion of the history and state of environmental science as through detailed exploration of a current environmental problem. Survey of research topics and methodologies in the current scientific literature related to the topic of interest. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation.*

ENSC/ENVR 468-000 Honors Directed Research (Add-On)

Staff

This course constitutes a directed research experience for Honors students. Topics of research will be in the realm of environmental science and/or studies, depending on the interests and expertise of the student and supervising faculty member. *Honors students only.*

Entomology & Wildlife Conservation (ENWC)

ENWC 201-080 Wildlife Conservation and Ecology (Add-On)

McCarthy, Kyle

Humans are only one of the many species in the global ecosystem; however, they have a great impact on the species around them. This course discusses the basic principles of wildlife ecology with focus on the ecological and sociological importance of wildlife and their habitats. We evaluate and discuss the importance of wildlife to our past, present and future with emphasis on wildlife conservation issues such as habitat loss, endangered species, pollution, urbanization and invasive species. Educating future generations about wildlife and conservation is critical to maintaining long-term biodiversity on our planet. In the Honors section students will develop an educational program for children at the Early Learning Center. The educational programs include a presentation and play based activities to teach

children about endangered species conservation. Each Honors student will be required to teach the program to a small class of children ages 5-11 at the Early Learning Center. *RESTRICTIONS: Should precede BISC 302. Some seats reserved for first-year incoming Honors FR ENWC majors. Meets with the regular section for lecture; separate Honors discussion times to be arranged.*

ENWC 205-080 Insects and Society (Add-On)

Delaney, Deborah

This course explores the fascinating and often unusual lives of insects, focusing on their interactions with humans. Basic insect identification, structure, function, behavior, ecology, evolution, pest control and impact on human society, are the topics that will be covered with an emphasis on insects as model organisms for understanding basic ecological and evolutionary concepts. The Honors section has additional activities beyond the regular section's lectures and grading. They will be exposed to primary literature that corresponds with the regular lecture material. As well, the Honors students will design and present an educational display and lecture to a local area school. The Honors section meets with the regular section, but has a separate Honors discussion which is focused on the additional primary literature assignments. *Meets with the regular section.*

Fashion (FASH)

FASH 180-080 Apparel Product Development (Add-On)

Roelse, Katya

Course focuses on the concepts of apparel product development: The product development calendar, the components of a garment and how the garment is assembled, sizing, fit, costing, garment specifications, and the apparel production process. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

FASH 210-081 Seminar: Fashion Sustainability (Add-On)

Clarke-Sather, Abigail

Introduction to emerging cannon of theory and practice regarding Sustainability as it relates to fashion. Centered on four components of Sustainability and Social Responsibility: Labor, Environment, Consumption and Body Image.

FASH 213-080 20th Century Design: Ethnic Influence (Add-On)

Lopez-Gydosh, Dilia

This course examines the culture and clothing practices of various ethnic groups and their influences on Western apparel fashion and textile arts during the 20th Century. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to FASH majors only. Meets with the regular section.*

FASH 215-080 Fundamentals of Textiles I (Add-On)

Cao, Huantian

Science principles are the basis for understanding fibers, the basic structure of yarns and fabrics. Relationships between the chemical composition of fibers and properties such as tensile strength, flammability, elasticity, moisture absorption, and dye affinity are explored. Understanding science principles in relation to textile properties provides basis for evaluation of textile products. An Honors project on a research topic of textiles in the form of a paper or a proposal will be required for the Honors section. *PREREQ: CHEM 101. Open to FASH majors only. Meets with the regular section.*

FASH 218-080 Intro to Fashion Business (Add-On)

Ciotti, Karen

An overview of the fashion business by examining the fundamental concepts and strategies related to merchandising and retailing of fashion and apparel products. Current practices and trends in the fashion industry are examined.

FASH 220-080 Fundamentals of Textiles II *(Add-On)*

Cao, Huantian

This course covers the fundamental concepts related to yarns, fabric, structures, coloration and finishes. There is emphasis placed upon structural properties as they related to end-use characteristics and finishing processes. We will discuss environmental problems related to textile production, dyeing and finishing. Please contact the professor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FASH215. Open to FASH and APD majors only. Meets with the regular section.*

FASH 333-080/080L Fashion Forecasting and Design *(Add-On)*

Roelse, Katya

This course is an introduction to trend research, analysis, and translation to original textile and apparel collections targeting varied consumer markets. Topics include advanced computer graphics for the fashion industry, emphasizing concept development (textiles, apparel, sustainable design, etc.) visualization, and design presentation. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FASH233 and FASH220. Open to FASH majors only. Meets with the regular section.*

FASH 420-080 Assortment Plan, Source, and Buy *(Add-On)*

Shafer, Brenda

This course is a continuation of FASH330. A merchandise budget developed in FASH330 is translated into an inventory unit plan. Course emphasis is on assortment planning, sourcing and purchasing and computer applications are involved. The Honors section will include an examination of an actual retail department. Students will research the department vendors, price points, brand offerings, fashion trends and merchandising techniques. In addition, students will also evaluate retailer/vendor relations and negotiation components. *PREREQ: FASH330. Open to FASH majors only. Meets with the regular section.*

FASH 455-080 Global Apparel Trade/Sourcing *(Add-On)*

Lu, Sheng

This course analyzes the global apparel and textile industries, the supply chains and the economic, political, socio-cultural, geographical and technological factors that influence global sourcing and buying decisions. It considers the importance of both financial and social goals, and strategies for social responsibility and labor compliance, and strategies for sourcing apparel. Honors students will have the chance to get involved in research projects in collaboration with industry leaders and policymakers on global textile and apparel trade issues. The additional learning activity and assignment will deepen students' understanding of the course material and be beneficial to students' career preparation. *PREREQ: ECON 101 or ECON 103. Open to FASH majors only. Meets with the regular section.*

FASH 484-080 Design Expressions *(Add-On)*

Roelse, Katya

This course is a discipline-centered course designed to integrate previous knowledge and skills developed across the apparel design curriculum, including course content in art and design concepts, social responsibility/sustainability, fashion forecasting, computer graphics and visual presentations, pattern design methods, apparel construction processes, an understanding of textile properties, target market analysis, etc. The focus of the course is original design research. Honors students apply a design problem solving process to complete a collection of thematically related garments for a given theme. Additionally, Honors students write a paper detailing their design problem solving process which is shared during an

oral presentation to the class. *PREREQ: FASH220, FASH 324, and FASH 333. Open to Honors Apparel Design (APD) SR only. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Finance (FINC)

FINC 311-080 Principles of Finance (Add-On)

Lynch, Christopher Michael

Introduces fundamental techniques and concepts related to the financial management of business firms. Topics include the time value of money, valuation, capital budgeting, working capital management, cost of capital, capital structure analysis, short and long term financing. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

FINC 312-082 Intermediate Financial Management (Add-On)

Varma, Raj

This course focuses on the role of the corporate financial manager in shareholder wealth maximization and enhances the understanding of material covered in FINC311 through the application of analytical methods, cases and the effective use of information technology in a contemporary financial environment. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: MATH 201 and MATH202 or MISY262 and FINC 311 with a minimum grade of C-. Open to JR and SR FINC majors and MISY majors with Finance concentrations only. Meets with the regular section.*

French (FREN)

FREN 200-080 Grammar and Composition (Add-On)

Alalou, Ali

This course includes intensive grammar review of all major verb tenses and grammatical concepts (such as object pronouns). There is also an emphasis is on grammar improvement through reading and writing. The Honors section of French Grammar and Composition will meet on several occasions with the instructor to discuss readings related to the course. Students will also have the opportunity to practice some advanced structures by preparing one oral presentation and completing additional writing assignments. *PREREQ: FREN 107 or FREN 112. Meets with the regular section.*

FREN 209-080 French Conversation Through Film (Add-On)

Sankara, Edgard

This course covers the development of oral proficiency in French through discussion and analysis of major French films. Some written work and grammar review where appropriate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FREN107 or FREN112 or one 200-level French course with a minimum grade of B. Meets with the regular section.*

FREN 211-081 French Reading and Composition (Add-On)

Sankara, Edgard

This course, taught in French, will introduce you to a selection of texts in which human relationships play a central role. Based upon a close reading of the works and through your written and oral responses to them, you will explore the challenges that individuals encounter in childhood, adolescence, and adulthood as they grapple with such problems as lack of access to quality education, dysfunctional families, obsessive relationships, human sexuality, divorce, and mental illness. Small- group work, roundtable discussion, and literary analysis frame our study of the vexing problems of life. Some of the authors to be read include Carrier, Duras, Gide, Hébert, Ionesco, Maillet, Roy, and Sarraute. The Honors section of French Reading and Composition has a film component that complements the literary

selections. Students watch three French and Francophone films and, in additional class meetings with the professor, discuss the cultural, historical, and political context in which the literature is framed within the film texts. Honors students have additional readings in 20th and 21st century texts about which they write papers of literary analysis. Finally, students enrolled in the course for Honors deliver a group presentation thus contributing to the cultural knowledge of the class as a whole. It is strongly recommended that those pursuing Honors credit for this course have earned final grades of A or A- in previous university-level French coursework. *PREREQ: FREN 200 (minimum grade of C) or FREN 107 (minimum grade of A-) or FREN 112 (minimum grade of A-). Meets with the regular section.*

FREN 211-080 French Reading and Composition (Add-On)

Celli, Judy

This course includes reading and discussion of French literature and the writing of short papers. The emphasis of the course is on improving critical reading skills and on writing formal analyses of literature. Students will be introduced to several literary movements. Honors credit involves supplementary readings, papers, and meetings outside of class with the professor. *PREREQ: FREN 200 (minimum grade of C) or FREN 107 (minimum grade of A-) or FREN 112 (minimum grade of A-). Meets with the regular section.*

FREN 301-080 Introduction to French Literature: Prose (Add-On)

Sankara, Edgard

The Honors section of FREN 301, Introduction to French Literature: Prose, includes discussion and analysis of the various genres of prose fiction (contes, nouvelles, romans) and non-fiction (essais) from the Middle Ages to the present. Students taking the course for Honors credit have supplementary assignments: Honors class meetings with the professor throughout the semester; the reading of an additional novel; a group presentation to the class on that novel; a supplementary paper of literary analysis on a text studied in the course; and attendance at a lecture, film, or cultural event related to the course. *PREREQ: FREN 211 and any 200-level course taught in the French language, both with a suggested minimum grade of B-. It is highly recommended that those pursuing Honors credit for this course have earned final grades of A or A- in previous French coursework. Meets with the regular section."*

FREN 302-080 Introduction to French Literature: Poetry & Theater (Add-On)

Steinberger, Deborah

Unlock the mysteries of poetry, and learn to read between the lines of a play! This course explores verse and drama from the Renaissance through the twentieth century through close readings and class discussion. We will study works by some of France's best-loved poets—Ronsard, La Fontaine, Hugo, Baudelaire, Rimbaud, Valéry—and classic theater by Molière, Racine, and Anouilh. In the company of such illustrious writers, you are sure to see your own style and vocabulary improve! Honors students will have the chance to present a lesson to their fellow classmates through a reenactment of one of the fables of La Fontaine, and, depending on the local arts offerings, to attend a French play. *PREREQ: FREN 211 and any 200-level course taught in the French language, both with a suggested minimum grade of B-. It is highly recommended that those pursuing Honors credit in this course have final grades of A or A- in previous French coursework.*

FREN 350-080 Advanced Business French (Add-On)

Alalou, Ali

Development of strategies to initiate and maintain oral and written communication in the world of business. Acquisition of commercial vocabulary, practice in speaking French in business situations, letter writing and article reading. Functional and cultural approach. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

Geography (GEOG)

GEOG 102-080 Human Geography (*Free-Standing*)

Veness, April

Themes covered in this course include human interactions with the environment; patterns and processes of development; and some of the reasons for the uneven distribution of wealth, health, and opportunity at the global, regional, and local level. Information from lectures, readings, films and students' hometown census tracts will be used in class discussions and projects designed to understand how our place in the world is shaped by global processes and local practices.

Greek (GREK)

GREK 201-080 Ancient Prose: Intermediate Greek (*Add-On*)

Boyd, Marcaline

Focuses on the works of one or more prose authors with particular attention to review of grammar and syntax. Readings will be drawn from the philosophical, historical, and oratorical works of authors such as Plato, Herodotus, Xenophon, Lysias, Demosthenes, and Isocrates in rotation or in combination. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

PREREQ: GREK102 or equivalent.

GREK 301-080 Ancient Prose: Advanced Intermediate Greek (*Add-On*)

Boyd, Marcaline

Focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu. Readings drawn from the philosophical, historical, and oratorical works of authors such as Plato, Herodotus, Xenophon, Lysias, Demosthenes, and Isocrates in rotation or in combination. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: GREK202 or equivalent. May be repeated for credit four times.*

German (GRMN)

GRMN 205-080 German Conversation (*Add-On*)

Riehl, Ester

Practical use of German by means of oral reports and discussions. Emphasis on improvement of basic conversational skills. Grammar review and written work where appropriate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Not intended for students who have already taken a 300 or 400-level course in German.*

GRMN 211-080 German Reading and Writing (*Add-On*)

Nobile, Nancy

Reading and discussion of 20th-century German short stories and novellas. Several short compositions. Grammar review where appropriate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Not intended for students who have already taken a 300 or 400-level course in German.*

GRMN 355-080 German Fairy Tales (*Add-On*)

Shafi, Monika

This course will explore German Fairy Tales and youth literature from the 19th century to the present. We will begin with some of the world-famous fairytales by the Brothers Grimm and discuss the tales' origins, patterns, and the reasons for their continual appeal across generations and times. Why, for example, do stories intended for children often contain so much violence and cruelty? Do fairytales express universal truths or is their message culturally-specific? Next we will explore some classic German

youth literature and focus on their educational message. What did these texts want to teach children and how did their didactic goals and methods evolve over time? We will conclude with some contemporary examples and compare their message to earlier examples. We will be examining a variety of media such as illustrated texts, films, TV shows, and audiobooks. Students are expected to write three essays and take a mid-term and final exam. *PREREQ: Two 200-level courses conducted in German.* Students will complete a reading and writing additional assignment to be selected in consultation with the professor.

GRMN 455-080 Selected Authors, Works and Themes (Add-On)

Nobile, Nancy

Works of one or more outstanding authors or a special theme. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 300-level German courses, one of which may be taken concurrently with the 400-level course. May be repeated for credit three times when topics vary.*

Human Development and Family Studies (HDFS)

HDFS 201-080 Life Span Development (Add-On)

Palkovitz, Robin

This course includes exploration and understanding of the social, emotional, cognitive and physical development of the individual from infancy through old age in the context of the family. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to Honors students whose major requires the course. Preference given to incoming Honors first-year HDFS majors. Meets with the regular section.*

HDFS 202-080 Diversity and Families (Add-On)

Sherif-Trask, Bahira

This course examines American families from a variety of historical, methodological, and theoretical perspectives. In particular, this course focuses on the demographic and social changes that American families have undergone, as well as the causes and consequences of these changes. Furthermore, this course emphasizes differences between families based on gender, race, ethnicity, and socio-economic status. Issues of globalization will also be examined. Honors section participants will supplement the regular class materials with several extra readings. These readings will be discussed as part of a Sakai online forum. In addition, Honors members will write a research paper on a topic of their choosing. *Some seats saved for first-year incoming students. Meets with the regular section.*

HDFS 221-080 Child Development II: 3 to 10 (Add-On)

Staff

Child Development II is designed for students seeking more in-depth study of topics in human development from the post-toddler period up to and including middle childhood (ages 3 through 10 years). Class lectures, in-class activities, discussions, readings, group assignments and observations of children in group settings will provide you with opportunities to increase your understanding of the nature of children, their general developmental patterns in the context of their families, schools, communities and broader effects of culture, class and historical time. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

HDFS 235-080 Survey in Child and Family Services (Add-On)

Gaines-Hanks, Norma

This course is designed to help students understand the scope of human service agencies that focus on the needs of children and families. Upon completion of the course, students will be aware of current problems facing children and families, identify "best practice" approaches to helping children and

families, and understand how diversity among children, families, and communities can inform service delivery. Course readings, assignments, and methods of evaluation are individually tailored to needs and interests of Honors students. Honors students will complete a research project focused on a specific issue related to children and their families. The project will involve writing a research paper, conducting site visits to targeted agencies, and must include a cross-cultural component. The final project will be presented to peers in scheduled sections of HDFS 235. In addition to meeting with the regular section, Honors students will schedule regular meetings with the professor to discuss the topic under study and assess progress. *RESTRICTIONS: Restricted to Human Services majors; Disabilities Studies Minors; and Sociology - Welfare track students. Not open to freshmen. Meets with the regular section; separate weekly meeting with the professor.*

HDFS 333-080 Development of Human Relationships (Add-On)

Sherif-Trask, Bahira

This course examines why and how interpersonal relationships are formed, the types of relationships that individuals become involved in, the processes of relationships, and the threats to relationships. The influence of technology, social networks, and multicultural perspectives are also discussed. The Honors component involves an independent research project and class presentation. *Meets with the regular section.*

HDFS 347-080 Program Development & Evaluation (Add-On)

Aviles, Ann

This course focuses on program development, administrative procedures, and program evaluation. Topics include basic skills required for the development and the delivery and evaluation of a wide range of human service programs including preventive interventions for families and individuals. Honors students will work together to identify evidence based preventive interventions for children and families. They will compare and contrast program evaluation research, learning about the variety of evaluation criteria that is used to determine the types of evidence that indicates the effectiveness of these interventions. In addition, Honors students will investigate the role of culture in the development and implementation of preventive interventions, resulting in a report with recommendations for the field. *PREREQ: HDFS235 and HDFS334 or permission of instructor. COREQ: HDFS334 or permission of instructor. Meets with the regular section.*

HDFS 402-081 Child and Family Policy (Add-On)

Eidelman, Steven

This course provides an historical overview of family and child policy in the United States, including policies toward children and families in poverty. Topics include the role of the economy, politics, race, class, gender, legal and advocacy issues are discussed. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: HDFS235 and HDFS202 or permission of instructor. RESTRICTIONS: Junior and senior HMSV majors and HDFS minors. Meets with the regular section.*

HDFS 422-080 Honors Capstone: Family Relationships (Add-On)

Settles, Barbara

This course will discuss Interpersonal relationships and issues in courtship, marriage, and the family in contemporary society. Course objectives include: understanding of current issues in theory and research used in the study of the family and the development of family policy; historical and current views of family process and functioning and awareness of multicultural and cross-cultural issues; and directions for the future trends in families important to family study and policy development. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. PREREQ: HDFS202, HDFS235, and HDFS334 or permission of instructor. Open to Senior majors only. Meets with the regular section.*

HDFS 427-080 Parenting Through the Lifespan (Add-On)

Worden, Lynn

This course includes an applied focus on parenting styles, roles, issues and goals through the lifespan. Topics include: parent diversity, intergenerational relationships, developmental and acquired disabilities, and needs of children, adult children, extended family members, and parents. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

PREREQ: HDFS201 or PSYC350 or permission of instructor. Meets with the regular section.

HDFS 435-080 Programs for Children with Exceptionalities (Add-On)

Barnes, Tia

This course examines philosophy, organization, and operation of programs for children with exceptionalities. It will focus on teaching in inclusive settings, and implementing developmentally appropriate practices. It also addresses parent-professional partnerships, characteristics of specific disabilities and related interventions, IEP process, adaptation strategies, and positioning and handling techniques. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: HDFS222. COREQ: HDFS432. RESTRICTIONS: Early Childhood Education majors only or with permission of instructor. Meets with the regular section.*

HDFS 441-080 Advanced Inclusion Curriculum in Early Childhood I (Add-On)

Staff

Advanced study and application of child outcome assessment, using assessment to guide curriculum planning, using technology to support curriculum and teaching of English/Language Arts, Math, Science, Social Studies and the arts and social/emotional and fine and gross motor development. Please contact the instructor for the specific Honors components and grading rubric for the Honors work.

COREQ: EDUC400 and HDFS424. RESTRICTIONS: ECE majors only.

History (HIST)

HIST 101-083 Europe and the World I (Add-On)

Callahan, Daniel

This course is an introductory survey tracing the political, social, economic, and cultural development of Western civilization from late antiquity to the end of the Thirty Years' War in 1648. There are two fifty-minute tests and a final examination. Students in the Honors section must also write a ten-page paper based on the life of a figure examined in the course. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section; separate Honors meeting.*

HIST 102-080/082 Europe and the World II (Add-On)

Cruz, Jesus/ Bernstein, John

This course focuses on the development of European civilization from just before the French Revolution to mid twentieth century. We will study a wide range of diverse topics including changes in political thought, the breakdown and reconfiguration of social order, technological advancement and change, new economic patterns emerging from industrialization, ideological conflicts, and the rapid expansion (and rapid collapse) of imperialism. Through the reading of primary and secondary sources the course will explore how historical questions and answers are formulated and assigned significance. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

HIST 104-081 World History II (Add-On)

Flaherty, Darryl

World History (HIST104) explores the creation of our contemporary world through an examination of the global past, connecting events, experiences, systems, and processes to the present. The course does this through lectures, in-class exercises, and discussion grounded in the reading of primary sources (historical sources by people trying to make sense of their world as change happened). Students in the Honors section of HIST104 will read sources that further contextualize this momentous history. On alternating weeks, they will either write short analytical responses on the sources and meet with the professor to discuss the additional material.

HIST 135-080/080D Introduction to Latin American History (Add-On)

Buckley, Eve

This course introduces students to the history of Latin America, from the conquest period to recent times. Topics include preconquest societies, Iberian colonization and colonial society, the transition to independence, nineteenth century modernization, urbanization, revolutionary political movements of the twentieth century, and the region's changing relationship to the United States. The format is twice-weekly lectures and smaller weekly discussion meetings during which students analyze primary source materials and film clips. In addition to the three essay exams required of all students in this survey, the Honors students will submit two short essays responding to additional texts. To prepare for this, we schedule 2-3 extra discussion meetings during the semester for the Honors group. *Meets with the regular section.*

HIST 170-080 Plagues and Peoples in Human History (Add-On)

Duggan, Lawrence

Death stalks us all. Using William McNeill's classic "Plagues and Peoples in History," will examine the causes, course, and effects of major epidemics and diseases in human history (e.g., plague, smallpox, measles, typhus, AIDS, and the like), including how both professionals and ordinary people sought to explain and deal with these rampaging maladies. Honors students will in addition learn how to read and write about a relevant extra book in two different ways: a quick overview and writing up of an abstract of the contents, and then a much more thorough book review including the views of other scholars. *Meets with the regular section.*

HIST 200-080 History and Government of Delaware (Add-On)

Russ, Jonathan

This course is a survey of the history of Delaware and its present government, with special attention to the needs of social studies teachers. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

HIST 205-080 U.S. History to 1865 (Add-On)

Matson, Cathy

This course covers the history of the United States from the beginning of colonization through the Civil War. Topics receiving particular emphasis often in comparative context include American distinctiveness, the character and consequences of the American Revolution, the American political system, slavery, and the coming of the Civil War. Honors students will meet separately with the professor and will be required read additional material relevant to themes of regular assignments. *Meets with the regular section.*

HIST 206-081/081D U.S. History Since 1865 (Add-On)

Russ, Jonathan

This course is a survey of American history since 1865. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

HIST 241-080 History of Christianity to 1300 (Add-On)

Frassetto, Michael

This is a survey of the evolution of the Christian Church from its origins until the decline of the papacy in the late thirteenth century. Lectures will examine such topics as St. Paul and apostolic Christianity, the conversion of Constantine, the varieties of Christian monasticism, Christianity in a feudal society, the rise of the papacy and papal monarchy, and non-Western Christian observances. Two one-hour examinations and a final exam are required. Students in the Honors section will also write a paper based on their research on an aspect of the medieval Church. *Meets with the regular section.*

HIST 243-080 Ancient Religion and Civilization (Add-On)

Sidebotham, Steven

Outlines religion in Europe and the Near East from the Paleolithic period to the rise of Islam. Covers religious beliefs, rituals, death and burial practices of ancient man and construction and use of religious edifices. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

HIST 268-085 Seminar (Add-On)

Bernstein, John

Introduction to the study and writing of history. Individual instructors take different approaches but all tend to stress the nature and verification of historical evidence, its interpretation and its communication in writing.

HIST 302-080 The World In Our Time (Add-On)

Alchon, Guy

This course provides an examination of current events within the context of historical forces. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

HIST 308-080 The United States in the Antebellum America, 1825-1861 (Add-On)

Bendler, Bruce

This course examines social transformation and politics in America from 1825 to the eve of the Civil War. Particular attention paid to the presidency of Andrew Jackson, changes in institutions and culture related to expansion, and conflicts leading to disunion. Honors students are expected to utilize at least two primary sources in preparation of the two papers assigned in the course. Such primary sources may include newspaper, pamphlets, or documents available in the on-line resources or Special Collections at the Morris Library. In addition, Honors students will meet with the instructor to discuss those primary sources. *Meets with the regular section.*

HIST 339-080 Topics in European History (Add-On)

Zavadivker, Polly

Explores the political, social, cultural, and economic history of Europe, with a focus or theme that touches on one or more countries. The emphasis when taught in Newark is on particular aspects of European history distinct from national narratives. The syllabi are typically complemented by visits to museums and appropriate historic sites when taught abroad. Topics vary but often focus on a sweeping historical survey of the particular European country in which a Study Abroad program is taking place. Honors students will have the option to fulfill the written requirements for the course in one of two ways: they may write a series of book reviews of 5-6 pages each, chosen in consultation with the professor; or, they may write a semester term paper on a subject in Russian imperial history that is of personal interest to them. The term paper must be based on an approved bibliography, outline and draft,

for a total of 20-22 pages. These alternative writing assignments are meant to help Honors students develop research skills and to write more clearly, effectively, and with attention to historical evidence.

HIST 342-080 Barbarian Europe (*Add-On*)

Callahan, Daniel

This lecture course will examine the political, social, and cultural development of the barbarian peoples in Western Europe during the early Middle Ages, 250-1050. Special attention will be given to the Church as an instrument of civilization. There will be a one hour exam, a paper and a final. The paper for the students in the Honors section must be at least twenty pages long and represents forty per cent of the total of the course grade. *Meets with the regular section.*

HIST 344-080 Renaissance Europe (*Add-On*)

Duggan, Lawrence

This course examines Europe from the late 13th to the early 16th century, with stress on the consequences of the Black Death, the reform of the Church and the flowering of cultural and intellectual life in Italy and northern Europe. Honors students will choose an extra book and learn how to read and write about it in very different ways--gutting and reviewing. *Meets with the regular section.*

HIST 352-080 Europe: 1945 – Present (*Add-On*)

Shearer, David

This course is a comprehensive survey and analysis of the evolution and structure of post -World War II European society. Please contact the instructor for the Honors components and grading rubric for the Honors work. *Meets with the regular section.*

HIST 380-080 History of Arab-Israeli Conflict (*Add-On*)

Matthee, Rudolph

Explores the roots and the historical complexity of the Arab-Israeli conflict. Topics include: the origins of Zionism, the nature of traditional Arab/Ottoman society in the 19th century, the relationship between the early Zionists and indigenous Arab population of Palestine, the creation of a Jewish society, the rise of Palestinian nationalism, and the protracted search for coexistence between Jews and Arabs. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

HIST 382-080 History of Western Medicine (*Add-On*)

Buckley, Eve

This course examines the social and cultural forces that have influenced the development of modern medicine. In addition to the regular coursework, Honors students meet separately with the professor to develop an independent research topic, which they present to the class at the end of the semester. *Meets with the regular section.*

HIST 411-081 Seminar in American History (*Add-On*)

Davis, Rebecca

This seminar focuses on the social, cultural, and political history of religion in the twentieth-century United States. Weekly readings in primary and secondary sources will highlight religion's important if often contentious role in shaping modern American politics and culture. We will additionally consider the changing dynamics of religious ritual, faith, and identity. All students will complete a major term paper by the end of the semester. Honors students have additional assignments to prompt deeper inquiry into the methods of writing history. For one assignment, students will read and write an assessment of a scholarly article. For the other assignment, students will locate primary sources on a topic approved by the instructor and write a brief interpretive essay based on those sources. Honors students will meet (as a group) with the instructor to discuss each of these assignments.

HIST 475-080 Seminar: Modern European History (Add-On)

Shearer, David

This is an in-depth research and writing seminar in Russian and Soviet history. Each student will select a research and writing topic, based on the student's interests and in consultation with the professor, and she or he will spend the semester reading in that topic. Students will work individually with the professor on their topics, but the class will also meet periodically for progress reports, discussion, and final presentations. In the course of the semester, each student will produce, in addition to class presentations, an outline, a draft, and a final version of a paper. Grades will be based in part on class presentations, but mostly on a final paper that will be approximately 25 pages in length. Note: The course presumes at least a survey knowledge of Russian, Soviet, or European 20th-century history. Otherwise, permission of instructor is needed to participate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: HIST268 RESTRICTIONS: Majors only, or permission of instructor. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Hospitality, Business Management (HOSP)

HOSP 180-080/080L Introduction to Hospitality (Add-On)

Kline, Sheryl

HRIM 180 is designed to introduce the broad world of hospitality management. The course will provide students with information about the structure of hospitality industry, travel and tourism resources, hotel and restaurant businesses, recreation and leisure activities, and the people who have shaped the industry. Additionally, students will have the opportunity to develop their leadership skills by engaging in community volunteer activities. Throughout the course, students will be exposed to a variety of learning experiences that can expand their knowledge of the dynamic and global hospitality industry. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to incoming Honors HRIM majors only. Meets with the regular section.*

HOSP 321-080 Quantity Food Service Management (Add-On)

Pyle Jr, Philip

This course covers principles of quantity food service management with an emphasis on quality and cost control. Topics include menu planning, safety, sanitation and technical operations, as well as labor, food and energy cost containment. Honors students do an additional research paper in an area related to management for the class for submission for publication in a journal or to present at a professional conference. *Open to HRIM majors only. PREREQ: HRIM 201 and HRIM 211. COREQ: HRIM 325. Meets with the regular section.*

HOSP 381-080 Management of Food and Beverage Operations (Add-On)

Ma, Jing

This course covers the management tools available to control sales and expenses in food and beverage operations. There is an analysis of centers of responsibility and the cost management approach to development of control systems. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Open to JR & SR HRIM majors only. PREREQ: HRIM 321. Meets with the regular section.*

HOSP 489-080 Hotel, Restaurant and Institutional Management Practicum II (Add-On)

Digregorio, Joseph / Waller, Nicholas

This course is a structured experience in a hospitality industry environment. There are at least 40 hours per credit hour in planned activities associated with the management and operation of a hospitality

property. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Course is 6 credits. PREREQ: HRIM321, HRIM325 and HRIM488. Satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

HOSP 495-080 Hospitality Feasibility Studies (Add-On)

Miller, Brian

This course will examine a review of feasibility methods of a potential lodging franchise in a given market, review market data, evaluate potential franchises, develop facility and design requirements, examine revenue streams and cash flows and its economic viability. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ACCT207, ACCT208, HRIM380, HRIM481, HRIM381, HRIM 382, and FINC311. RESTRICTIONS: Available only after taking 90 credits. Available only in the Senior Year. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets after the regular section.*

Italian (ITAL)

ITAL 200-080 Italian Grammar Review (Add-On)

Melloni, Giorgio

This course, taught in Italian, intends to consolidate and improve language skills acquired by students in 100-level courses. A series of conversations and oral presentations about Italian life and current events will foster proficiency. Magazines, newspapers, films, videos, and transparencies will be used to gain a better understanding of Italian culture. Grammar will be reviewed when appropriate. In addition to the regular course requirements, students enrolled in the Honors section will also be responsible for an oral presentation approximately halfway through the semester and a written composition at the end of the semester. Honors students are required to do an oral presentation at the end of the semester along with an additional written project. *PREREQ: ITAL 107. Meets with the regular section.*

ITAL 205-080 Italian Conversation (Add-On)

Melloni, Giorgio

You are so close to proficiency in Italian! Consolidate your hard-earned language skills in a series of conversations and oral presentations, with grammar review when appropriate. Students will discuss current events along with material from films, the Internet, and other sources. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Minimum grade of B in ITAL107 or one 200-level ITAL course. Meets with the regular section.*

ITAL 211-080 Italian Reading & Composition: Short Fiction (Add-On)

Saggese, Riccarda

Let the masters of the Italian short story teach you to write! This course emphasizes vocabulary acquisition and written expression. Students will read and discuss short works of literature and film. You will improve your writing skills, add to your rich stock of conversation topics in Italian, and begin your love affair with contemporary Italian authors. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ITAL 200, 205 or 206. Meets with the regular section.*

ITAL 300-080 Advanced Italian Composition and Grammar (Add-On)

Saggese, Riccarda

In this course students will practice, apply and enhance the language skills used in previous classes through a variety of writing projects (i.e.: summaries, opinion papers, narrations, feature articles,

descriptions) and class participation. Honors students will be asked to report every two weeks about contemporary events and write an extra composition. *PREREQ: Ital 211 or ITAL 212*

ITAL 310-080 Survey of Italian Literature (Add-On)

Ray, Meredith

Development of Italian literature from its origins to the mid-17th century. Study and discussion of representative works. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ITAL 211 or ITAL 212.*

ITAL 455-080 Contemporary Italy (Add-On)

Melloni, Giorgio

Is Italy nowadays mainly a country of art preservation or a living culture between past and future? Can Italian be considered a “Language of Culture” par excellence? This course will answer these questions, while guiding the students through an examination of contemporary Italian culture and society considered in its following expressions: Politics, Art, Theater, Music, Fashion, and Cinema. The course will provide students with several opportunities to enhance their communication skills in Italian. Students enrolled for Honors credit must complete an additional presentation along with an additional research paper. *PREREQ: Any two ITAL 300-level literature courses. Can be repeated for credit when topics vary. May be offered jointly with ITAL655. Meets with the regular section.*

Japanese (JAPN)

JAPN 201-080 Advanced Intermediate Japanese I (Add-On)

Sato, Mutsuko

JAPN 201 is the first of the two-course series which form the core of 200-level Japanese, the other being JAPN202. The goal is to build upper intermediate level grammar, vocabulary, and Kanji. All four areas of language (listening, reading, speaking, and writing) are emphasized. Students in the Honors section will work on individual projects under the instructor’s guidance. The goal of this project is to enrich their interest in the cultural experience and to ameliorate their weakness in different aspects of the language. *PREREQ: JAPN 107. Meets with regular section.*

JAPN 202-080 Advanced Intermediate Japanese II (Add-On)

Inoue, Chika

This course covers the last five chapters of Genki II text book. Students learn to use various grammatical forms to convey different nuances. Classes are conducted in Japanese. Activities include oral presentations and essays on various topics. About 75 additional Kanji will be introduced. Honors section requirements include two additional reports. The midterm report has to be a detailed description of a scene in a movie, and final report an essay about how a child character in a Japanese film grows and changes. *PREREQ: JAPN 201 or 206. Meets with regular section.*

JAPN 204-080 The Art of Japanese Calligraphy (Add-On)

Inoue, Chika

This course will cover practical training in Japanese calligraphy, using brush, inkstone and sumi ink. Students will work with both phonetic syllabaries and kanji characters. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One JAPN course. RESTRICTIONS: Does not satisfy CAS language requirement. Taught in English and Japanese. Meets with regular section.*

JAPN 301-080 Japanese Conversation and Composition (Add-On)

Sato, Mutsuko

This course is a discussion of current cultural, social and political topics in Japanese. Topics include vocabulary building, grammar exercises and frequent compositions. There is a final project designed by each student. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: THREE of the following: JAPN200, JAPN201, JAPN202, JAPN205, JAPN209 or ONE of the following: JAPN301, JAPN355, JAPN306. Meets with the regular section.*

JAPN 455-080 Selected Authors, Works and Themes (Add-On)

Inoue, Chika

This course builds on work the students have done at the 300-level and continue with the textbook Tobira. In addition, students will practice skills such as reading and translation using a combination of magazine and news article. This section does NOT satisfy the literature requirement for Japanese Studies Major. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 300-level JAPN courses. Meets with the regular section.*

Jewish Studies (JWST)

JWST 381-080 History of Arab-Israeli Conflict (Add-On)

Matthee, Rudolph

Explores the roots and the historical complexity of the Arab-Israeli conflict. Topics include: the origins of Zionism, the nature of traditional Arab/Ottoman society in the 19th century, the relationship between the early Zionists and indigenous Arab population of Palestine, the creation of a Jewish society, the rise of Palestinian nationalism, and the protracted search for coexistence between Jews and Arabs. Honors students have additional assignments designed to deepen their understanding of the material presented and discussed in class. They meet with the professor once a week to discuss additional readings that address specific topics. They will also be asked to write a somewhat longer and more involved term paper than regular students.

Kinesiology & Applied Physiology (KAAP)

KAAP 220-080 Anatomy & Physiology (Add-On)

Swanik, Charles

This course examines the structure and function of human body: skeletal, muscular, circulatory, respiratory, nervous, endocrine, digestive and urinary systems. It is a foundation course for all areas of physical education and athletics. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Some seats reserved for incoming first-year Honors majors. Students may not receive credit for KAAP220 if taken after completion of KAAP 309. Meets with the regular section.*

KAAP 309-080 & 080L/081L Human Anatomy and Physiology I (Add-On)

Rose, William

This course will cover the structure and function of the human body for pre-professionals in clinical and allied health fields. There is an emphasis on integumentary, skeletal, muscular, and nervous systems. In addition to the regular coursework, students in the Honors section will meet regularly with the professor to discuss topics of interest in anatomy and physiology. Each student will write a paper on a topic he or she selects, and will present his or her findings to the full class. Examples of past topics: barefoot running; why women get more ACL injuries than men; minimally invasive heart valve replacement surgery; pyelonephritis and urinary tract infections. *PREREQ: BISC 208, and CHEM 104 or CHEM 108. Open to KAAP majors only. Meets with the regular section.*

KAAP 350-080 Basic Concepts in Kinesiology (Add-On)

Oldham, Jessie

A review of musculoskeletal anatomy and lever systems provides foundation for analyzing human movement. Practical kinesiological evaluation focuses on common fitness and health related exercises. Topics include movement analysis and proper techniques discussed for cardiovascular machines, abdominal work, stretching, etc. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: KAAP 220 or KAAP 309. Open to KAAP majors only. Meets with the regular section.*

KAAP 400-080 Research Methods (Add-On)

Crenshaw, Jeremy

This course is an introduction to research on health and physical activity, including types of research, research design, matching appropriate statistical tools with research designs, research writing style and format and ethical issues related to research. The Honors section will include preparing a research proposal and presenting it in the class. *PREREQ: STAT 200 or MATH 201 or PSYC 209. Open to SR EXSC, HLST and AT majors only. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

KAAP 400-081 Research Methods (Add-On)

Staff

This course is an introduction to research on health and physical activity, including types of research, research design, matching appropriate statistical tools with research designs, research writing style and format and ethical issues related to research. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: STAT200 or MATH 201 or PSYC209. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

KAAP 400-082,083 Research Methods (Add-On)

Staff

This course is an introduction to research on health and physical activity, including types of research, research design, matching appropriate statistical tools with research designs, research writing style and format and ethical issues related to research. Honors students are required to create, design and write the NIH-style proposal and fulfill all portions of the proposal individually. *PREREQ: STAT200 or MATH 201 or PSYC209. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

KAAP 420-080, 080L Functional Human Anatomy (Add-On)

Barlow, David

In this course, the anatomical individuality, functional significance and human performance interpretations are examined through the detailed and systematic investigation of muscular, skeletal, circulatory, and nervous systems. Structural and functional kinesiology of the extremities and their girdles are stressed dealing with the inter-relationships between form and function of tissues, organs and organ systems of the human body. An approach is utilized that fosters student enthusiasm, critical thinking, and a love of the biological sciences. Students are provided with a significant advanced core of anatomical knowledge acquired in lecture and extensive laboratory settings. Laboratory experiences will, where appropriate, emphasize the meaning and significance of musculoskeletal movements and will utilize human cadavers, prosected human specimens, models, EMG and electro-physiological demonstrations, X-rays, dry biological materials, interactive videodiscs, and other instructional aids. Please contact the instructor for the specific Honors components and grading rubric for the Honors

work. *PREREQ: KAAP 220 or 309. Open to Honors ATI majors and to Honors EXSC majors only. Meets with the regular section.*

KAAP 426-080/080L Biomechanics I (Add-On)

Royer, Todd

This course includes the application of mechanical principles in the study of the human musculoskeletal system, including analysis of joint forces, as well as the mechanical properties of bone, muscle, and connective tissues. In addition to regular coursework, students in the Honors section identify a biomechanics research question, collect/process/interpret data, share/discuss results with peers, and write an abstract of their research. *PREREQ: PHYS 201 or 207, and KAAP 309. Open to Honors EXSC majors only. Meets with the regular section.*

KAAP 430-080/080L Exercise Physiology (Add-On)

Provost, Michelle

This course includes the study of the integration of human physiological systems in the performance of exercise, work and sports activities and under the influence of environmental stressors. Honors students will learn how to use an accelerometer to measure energy expenditure over the course of several days and how to interpret the computerized report. *PREREQ: KAAP220 or KAAP310 or BISC276 or BISC306. Open to Honors majors and minors in EXSC, AT, HLST/OT or strength and conditioning. Meets with the regular section.*

KAAP 434-080 12-Lead ECG Interpretation (Add-On)

Overstreet, Brittany

This course includes the study of all aspects of electrocardiography including arrhythmia identification, rate determination, axis deviation, heart blocks, hypertrophy and myocardial infarction patterns. Honors students will learn how to administer and electrocardiogram (ECG) and act as teaching assistants who will supervise students as they administer ECGs to fellow students enrolled in the class. Honors students further their understanding of the aforementioned topics through hands on experiences prepping, recording and interpreting electrocardiograms of peers. *PREREQ: KAAP 430. Meets with the regular section.*

KAAP 480-080 Upper Extremity and Spine Evaluation (Add-On)

Kaminski, Thomas

Evaluation of the upper extremity, cervical spine and facial injuries. SOAP format evaluation, on-field evaluation, mechanics and pathomechanics of joint movement, detailed anatomy, etiology of specific injuries and special and stress tests will be discussed. Honor students enrolled in this course expected to perform a critical review and analysis of a peer-reviewed manuscript on a region of the body focused on during the course. In addition, honor students are required to put together exam review activities and share with their classmates in a dedicated class session prior to each of the two unit exams during the semester. *PREREQ: KAAP220 and KAAP240. Open to athletic training majors only.*

Latin (LATN)

LATN 201-080 Intermediate Latin Prose (Add-On)

Boyd, Marcaline

This course provides an introduction to reading Latin literature in the original language, focusing on the philosophical and forensic works of Cicero, the historical writings of Livy, and the letters of Pliny. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: LATN101 and LATN102 or equivalent. Meets with the regular section.*

LATN 301-080 Advanced Intermediate Prose (Add-On)

Boyd, Marcaline

Focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu. Readings drawn from the philosophical, historical, and oratorical works of authors such as Tacitus, Pliny the Elder, Pliny the Younger, Caesar, Cicero, Sallust, and Seneca in rotation or in combination. Honors students have additional assignments designed to deepen their understanding of literary criticism and the cultural context of the work. As one exercise, students will analyze a passage using the tools of philological examination (i.e. translations, textual tradition, scholia, lexica, and commentaries). In another assignment, students will assess a work of modern scholarship related to the text that intersects with their research interests. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: LATN202 or equivalent.*

LATN 401-080 Advanced Latin Prose (Add-On)

Boyd, Marcaline

Focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu. Readings drawn from the philosophical, historical, and oratorical works of authors such as Tacitus, Pliny the Elder, Pliny the Younger, Caesar, Cicero, Sallust, and Seneca in rotation or in combination. Honors students have additional assignments designed to deepen their understanding of literary criticism and the cultural context of the work. As one exercise, students will analyze a passage using the tools of philological examination (i.e. translations, textual tradition, scholia, lexica, and commentaries). In another assignment, students will assess a work of modern scholarship related to the text that intersects with their research interests. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ LATN301 and LATN302 or equivalent. Meets with LATN301. May be repeated for credit four times.*

Leadership (LEAD)

LEAD 100-080 Leadership, Integrity, and Change (Add-On)

Morrison, James

This course introduces students to the challenges of leadership. An experiential practice-based change project will give students hands-on experience in applying the skills and practices of effective leadership to create positive change. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to Honors LEAD majors only. Meets with the regular section.*

LEAD 200-080 The Leadership Challenge (Add-On)

Case Lily, Jane/ Cavaliere, Paolo

This course explores how leaders take on the challenge of mobilizing others to transform visions into reality. It provides a more in depth examination of leadership theory and how that theory informs various individual and organizational practices. Students will learn methods to develop a shared vision, processes to strategically facilitate change, and examine ethical facets of leadership. Honors students serve in the role of Weaver taking individual strands of information and ideas and integrating them into understandable patterns that bring out themes that we might not otherwise see. In this case, students weave together our understanding of CORE confidence, optimism, resilience, and engagement – from what you learn in class, what you observe in the class, and what you research on your own from other sources. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

LEAD 300-080 Leadership, Creativity & Innovation (Add-On)

Middlebrooks, Anthony

This course provides students with the theoretical bases of leadership, creativity, and innovation that inform the effective practice of leadership. The course emphasizes creativity theory and research, models of innovation, and the application of leadership to foster innovation. The nature and nurture of creative thinking as a precursor to effective organizational leadership and innovation underlies the course. Students will understand the nature of creativity in research, theory, and practice; explore and recognize the characteristics of innovation in organizations, understand the role of leadership in creating conditions for innovation, at both the individual and organizational system levels; and enhance their ability to think creatively, and apply that creative thinking strategically. Honors students explore and expand divergent thinking capacity, and share that knowledge with the class through activities and research. *Meets with the regular section.*

LEAD 341-080 Decision-Making and Leadership (Add-On)

Case Lily, Jane/ Cavaliere, Paolo

Consider leadership as a process of influencing others toward a common vision. Further, consider that effective leadership lies in the leader, the followers, the context, and the interaction among all three--and that all are influenced by the choice of decisions that should be made, the process of making decisions, and the ability to implement decisions. This course will examine models of decision-making, the use of economic, social, and political tools as part of the decision-making process, and the responsibility of leaders and followers to implement decisions that further the common good. Students will be presented with opportunities to personally practice and observe the impacts of various modes of decision-making upon effective (and ineffective) leadership, and to apply the tools of decision-making to current events and policies. Honors students will have a research experience, acting as the principle investigator(s) for a class research project. *PREREQ: LEAD100. Meets with the regular section.*

LEAD 400-080 Leadership for the Common Good (Add-On)

Ware, Melva

This course examines direct action organizing, coalition building, consensus organizing as strategies for mobilizing people to create positive change. There is an emphasis on social responsibility, sustainability, collaborations, and multisector interactions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: LEAD100, LEAD101. Meets with the regular section.*

LEAD 404-080 Leadership in Organizations (Add-On)

White, Harvey

Building the capability of organizations to develop and operationalize leadership capacity at all levels of an organization. Concepts and theories of organizational effectiveness studied relate to impacts of structure, culture, and other characteristics upon an organization's ability to unleash leadership potential. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: LEAD 100. Meets with the regular section.*

LEAD 490-080D Senior Capstone (Add-On)

Stein, Karen

Engage in a project addressing "real world" leadership challenges. Successful project completion requires integration, synthesis and reflection upon knowledge and skills acquired in previous courses. Specific projects vary by semester. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: LEAD 100 and LEAD 341. Open to SR Honors LEAD majors only. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Legal Studies (LEST)

LEST 301-080 Introduction to Legal Studies (Add-On)

Rise, Eric

Please see CRJU 301-080 for course description.

Linguistics (LING)

LING 101-080 Introduction to Linguistics I (Free-Standing)

Vu, Mai Ha

This course focuses on the nature of language: structure of sounds, words, sentences, and meaning; relationships of language and society, culture, and thought. Emphasis is on language universals and variation both within and between languages, including non-Western and non-white varieties.

Languages, Literatures and Cultures (LLCU)

LLCU 316-080 Classical Mythology Gods, Heroes, and Monsters (Add-On)

Giesecke, Annette

Cosmological myths and heroic sagas in the literature and art of Greece and Rome. The influence of the mythology in later art and literature. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

LLCU 320-080 Varying Authors and Genres (Add-On)

Riehl, Ester

The city of Berlin has long stood at the center of Germany's political and social turmoil. Its architecture remains a physical symbol of Prussia's rise to power and still contains remnants of Hitler's mad plans for a German Empire. The wall that cut the city in half became the central symbol of the Cold War, and since then city has reinvented itself again as the capital of a reunified Germany. We'll examine the history and image of Berlin through literary texts and films ranging from 19th to the 21st centuries. Students will write 5 short essays as well as midterm and final exams. Honors students will read one additional text (to be decided by student and professor) and then write about that text in a sixth essay.

Meets with the regular section.

LLCU 321-080 Anti-Heroes in Chinese Literature (Add-On)

Chen, Jianguo

This course includes the study of the works of one or more outstanding authors or of a special theme. This course is taught in English. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *May be repeated for credit when topics vary. Meets with the regular section.*

LLCU 333-080 Israeli Film: Reflecting Dramatic Change (Add-On)

Gutman, Eynat

Inquiry into Israeli films from the immediate postwar period to present. Historical and societal changes emphasized. Aesthetic and technical elements of film production and reception featured. Discussion intensive. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

LLCU 375-080 Topics: Russian and Soviet Culture: Tempting Fate- Duels and Deals (Add-On)

Hulings, Julia

Everyone has heard of "Russian roulette"; Germans coined the term after observing bored Russian soldiers participating in the dangerous game. Indeed, the idea of tempting fate is quite Russian; one scholar identifies a cultural propensity that deems it "more attractive and ethical to spend, waste, and lose, rather than save, keep, and retain." Couple this live-for-today attitude with macho pride and social

rank, and you get the pervasive risk-taking behavior that permeates 19th and early 20th century Russian literature. Pushkin's "Queen of Spades" and Dostoevsky's *The Gambler* faithfully reflect the obsessions and dangers of such risk, with the latter ironically written in a hurry to cover the author's own gambling debt. We find a pompous recklessness, but with pistols, in Lermontov's *Hero of Our Time*, Chekhov's *The Duel* and in Pushkin's *Eugene Onegin*. Pushing one's luck also leads to the devil himself in Kuprin's *Star of Solomon*, and Bulgakov's *Master and Margarita*. Come read the masters and explore the "rolling of the dice" in Russian and Soviet culture! Honors students will be required to read one additional work, to be determined with professor, and write an additional, longer paper on the topic.

LLCU 420-080 To Hell and Back: Dante's *Divine Comedy* and the Medieval World (*Add-On*)

Ray, Meredith

Dante's masterpiece, the *Divine Comedy* is an encyclopedia of medieval learning and culture. In this course we will read selected cantos from *Inferno*, *Purgatory*, and *Paradise* that bring into focus the history and culture of the medieval Mediterranean world. Our readings and discussion will touch on many areas, from the historical and political context in which Dante worked and the poetic traditions that influenced him, to the influence of non-Christian civilizations on his thought and medieval views on women. In addition to our close readings of selections from the poem, we will examine visual representations and interpretations of Dante's poem, from illuminated manuscripts to recent films.

Students enrolled for Honors credit will read a minimum of three additional cantos and will choose a canto to focus on for in-depth study resulting in a commentary paper, presentation, and/or creative project. Honors students will also keep a journal of examples of Dante in popular culture to submit for publication on the "Dante Citings and Sightings" website at the end of the semester.

Marine Studies (MAST)

MAST 200-080 The Oceans (*Add-On*)

Thoroughgood, C. A.

The regular MAST 200 class considers physical, chemical, geological and biological principles in examining how the oceans work, drawing heavily on current ocean issues to illustrate processes and problems. The Honors section experience will consist of two types of activities. First, the Honors students will be required to go into more depth about how the various physical, chemical, biological, geological, engineering and public policy aspects considered in the regular course are naturally integrated in the marine environment. Usually, this will entail some extra readings and the writing of 2 or 3 short papers on these integrative aspects during the course of the semester, leading to a longer summary paper near the end of the semester. Second, each Honors student will participate with the professionals in the Marine Advisory Service in interacting with the general public during Coast Day on the Lewes, DE campus in October. The Honors section will meet together with the regular section, but it also will meet separately during the next regularly scheduled class period. For the month of September, the Honors section will meet twice a week to discuss the assignments, get connected with the Marine Advisory Service and prepare for Coast Day activities. After that, meetings will be held once a week or as needed. The grading will differ from the regular section in that participation in Honors activities and the writing assignments will count toward the final grade. Students with particularly restrictive schedules may not be able to participate. *Meets with the regular section.*

Mathematics (MATH)

MATH 242-081, 081D, 081L Analytic Geometry and Calculus B (*Free-Standing*)

Staff

Review of exponential and logarithmic functions; inverse trigonometric functions; integration techniques; parametric curves; polar coordinates; infinite series. Includes use of the computers to perform symbolic, numerical and graphical analysis.

MATH 243-080, 080D, 080L Analytic Geometry & Calculus C (Free-Standing)

Staff

This course will use traditional and nontraditional problems for group and individual projects to illustrate the useful techniques for dealing with functions of several variables. Specific topics include, but are not limited to, vector geometry, partial derivatives, multiple integration, line and surface integrals. *PREREQ: MATH 242. Open to incoming first year Honors students only. Enrollment in this course is determined by score of Honors Calculus Placement Test.*

MATH 349-080 Elementary Linear Algebra (Free-Standing)

Staff

This course covers systems of linear equations, matrix algebra and determinants. It includes vector spaces, linear dependence and independence, basis and dimension. Topics include: linear transformations, similarity transformations and diagonalization problems, inner product spaces and least squares approximation. It emphasizes theory and application to other mathematics areas. The course includes computer use for analysis and solution of linear algebra problems. In this section of MATH 349, students will be asked to complete a project where they will use the techniques of linear algebra to solve real-world problems in their areas of choosing. *PREREQ: MATH 230 or MATH 242. Credit cannot be given for both MATH349 and either MATH 341, MATH342 or MATH351.*

MATH 380-080 Approaches to Teaching Math (Free-Standing)

Staff

This course will use traditional and nontraditional problems for group and individual projects to illustrate the useful techniques for dealing with functions of several variables. Specific topics include, but are not limited to, vector geometry, partial derivatives, multiple integration, line and surface integrals. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: MATH 242. Open to incoming first year Honors students only. Enrollment in this course is determined by score of Honors Calculus Placement Test.*

MATH 460-080 Introduction to Systems Biology (Free-Standing)

Staff

This course will use traditional and nontraditional problems for group and individual projects to illustrate the useful techniques for dealing with functions of several variables. Specific topics include, but are not limited to, vector geometry, partial derivatives, multiple integration, line and surface integrals. *PREREQ: MATH 242.* Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation.*

MATH 512-080 Contemporary Application of Math (Add-On)

Fok, Pak-Wing

This course is aimed at providing a hands-on learning experience in contemporary applications of mathematics. It involves work with investigators from industry, national laboratories, and other departments. Mathematical topics may include ordinary and partial differential equations, systems of differential equations, transform, asymptotic, and numerical methods. The Honors component will require students to complete a 'plan forward' addendum to their team's final project report. The 'plan forward' will be a detailed prescription for taking the project to the next level and for continuing the research project in new directions based on the results of the semester's work. *PREREQ: One 300 or higher level course in differential equations. Open to Honors JR and SR ONLY. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

MATH 530-080 Application of Math in Economics (Add-On)

Edwards, David

This course covers convex functions and sets, duality, fixed point theorems, elementary game theory, and the theory of Nash and Walrasian equilibria; non-linear programming and the Kuhn-Tucker Theorem; dynamic optimization including dynamic programming and Pontryagin's Maximum Principle. There is an emphasis on applications and interpretation in terms of economic models. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: MATH302, MATH 349, ECON 301 and ECON 303. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Medical Laboratory Sciences (MEDT)

MEDT 398-080 Body Fluid Analysis (Add-On)

Wood, Marie

The analysis of body fluids is the cornerstone of the practice of medical technology. This course explores the information obtained by accurate analysis of urine and other non-blood body fluids. How this information can provide a pattern essential to the assessment of a person's health or pathology will be discussed. The role of quality assurance in the development and performance of such tests will be emphasized. Honors students will examine a series of case studies to explore more intensely the relationship between clinical laboratory data and patient outcomes, learn digital photomicroscopy, and develop their own clinical cases. **This is a 1 credit course.** *PREREQ: BISC208 and CHEM104 or CHEM108. COREQ: MEDT399. Meets with the regular section for lecture; separate Honors discussion.*

MEDT 399-080L Body Fluid Analysis Laboratory (Add-On)

Cascino, Elizabeth/Wood, Marie

This course offers an overview of protocols, technical and clinical correlations involved in body fluid analysis of non-blood body fluids, including urine, synovial, cerebrospinal, seminal, serous, amniotic and gastric fluids. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BISC208 and CHEM104 or CHEM108. COREQ: MEDT398. Meets with the regular section.*

MEDT 403-080 Clinical Physiological Chemistry II (Add-On)

McLane, Mary

Application and theory of methodologies in enzymology, endocrinology and toxicology. Relationship of normal and abnormal laboratory findings in organ functional tests. Honors students will focus on the current healthcare and popular literature to determine the relevancy of "new" diagnostic laboratory tests for patient care and the education of future practitioners. *PREREQ: A grade of C- or better in MEDT401.*

MEDT 405-080 Hematology II (Add-On)

Maser, Raelene

Study of the pathophysiology of erythrocytic and leukocytic disorders and the laboratory findings of these disorders. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: A grade of C- or better in MEDT404.*

MEDT 420-080 Immunohematology II (Add-On)

Allshouse, Leslie

This course is the study of blood and component transfusions, their risks, complications and quality assurance. Also blood component therapy and testing of the neonate and adult. Honors students will

review additional patient case studies related to the course information, and using PowerPoint will present case studies to their classmates during a regularly scheduled lecture period. *PREREQ: MEDT409. Meets with the regular section.*

Mechanical Engineering (MEEG)

MEEG 215-080 and 080D Mechanics of Solids (Add-On)

Hossain, MD Z

This course is an analytical study of stresses and deformations and their application to the design of machine and structural elements under axial, torsional, bending and lateral loads. Buckling and energy methods are discussed. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Grade of C- or better in MEEG112 or CIEG211. Meets with the regular section.*

MEEG 215-081 and 081D Mechanics of Solids (Add-On)

Hossain, Md Zubaer

This course is an analytical study of stresses and deformations and their application to the design of machine and structural elements under axial, torsional, bending and lateral loads. Buckling and energy methods are discussed. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Grade of C- or better in MEEG112 or CIEG211. Meets with the regular section.*

MEEG 341-080/080D/084D Thermodynamics (Add-On)

Doty, Heather

This course covers the basic concepts of thermodynamics including properties of substances and gas mixtures, energy, entropy, and exergy. It discusses first and second law analysis of systems and control volumes, applications to steady-flow devices and systems in power production, propulsion, and air conditioning. Honors students will be asked to conduct research on contemporary issues and applications of thermodynamics and present an example of such to the class. *Open to Honors MEEG majors only. COREQ: MATH 351. Meets with the regular section.*

Management Information Systems (MISY)

MISY 160-080 Business Computing: Tools and Concepts (Free-Standing)

Hartono, Edward

Business Computing, is an introduction to business information systems concepts, tools, and technology. Throughout the semester, you will be exposed to a wealth of knowledge about computerized systems, their components, their operational characteristics, and basic computerized business tools. You will build computer competency through reading text materials, watching video materials, completing exercises and assignments, and hands-on computer work and exercises, which include the use of microcomputer applications, Microsoft Excel and Access. By the end of the semester, you are expected to be computer literate and competent, knowledgeable about computer concepts, tools, and technology, which include hardware, software, networking, the Internet, security, program development, and database, and able to competently use Microsoft Excel and Access.

Music (MUSC)

MUSC 185-080, 081, 082 and 083, 084 Aural Skills I (Add-On)

Duker, Phil/ Shafer, Jennifer

This course covers techniques of sight singing and music reading skills and the development of ability in aural recognition of melody, harmony and rhythm. Please contact the instructor for the course description and the specific Honors components and grading rubric for the Honors work. *Student must*

pass department musicality test. Open to incoming first-year Honors music majors and minors. All sections meet with the regular sections plus one extra hour per week.

MUSC 312-080 & 081 Music History: 1600-1827 (Free-Standing)

Murray, Russell/Gentry, Philip/Purciello, Maria

MUSC 312 is a history of musical style and theory during the Baroque period (1600-1750), and the Classic period through the death of Beethoven (1827). Students will meet on a regular basis to discuss issues of performance practice for this period, and each student will focus on a project dealing with the performance issues related to a piece of their choice, culminating in a performance of that piece.

PREREQ: MUSC311, MUSC295, and MUSC286 with a grade of C- or better or permission of the instructor.

Offered fall semester only. Enroll in MUSC312-081 in order to fulfill the A&S 2nd Writing Requirement. Only MUSC312 -081 requires consent of instructor.

Neuroscience (NSCI)

NSCI 100-080 Psychology and Brain Science (Free-Standing)

Roth, Eric

This psychobiology course merges components of biology, psychology, and neuroscience to explore aspects of behavior and cognition. From neurophysiology to anatomy to psychopathology a broad array of subjects are covered. Beyond the textbook, students are also introduced to scientific reading and writing. In class, we explore relevant scientific journal articles. Outside of class, each student will write up a mini review paper on a chosen topic. Another important component of this class focuses on careers in neuroscience. Students personally meet a variety of neuroscience related University of Delaware graduate students and faculty and then participate in interactive question and answer sessions discussing undergraduate research opportunities, graduate school, medical school, and related neuroscience careers. *All seats reserved for incoming first year Honors PSYC and NSCI majors.*

NSCI 320-080 Introduction to Neuroscience (Free-Standing)

Griffin, Amy

This course provides the foundation necessary to understand the neural basis of emotion, cognition, and behavior. It focuses on the: a) development and anatomical organization of neural systems in the brain, b) the cellular, neurochemical, and molecular events that underlie neural signaling and synaptic transmission, and c) the mechanisms by which those aggregate processes regulate synaptic plasticity to express adaptive and maladaptive behaviors through learning, memory, cognition and emotions.

PREREQ: C- or better in PSYC100 or NSCI100.

NSCI 467-080 Seminar (Free-Standing)

Stanton, Mark

This course explores the cellular and molecular basis of signal transmission in the brain. The content will include in-depth coverage of neurophysiology at all levels of analysis from the single ion channel to neural circuits, with emphasis on how these circuits mediate specific behaviors. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

Nutrition & Dietetics (NTDT)

NTDT 200-080 Nutrition Concepts (Free-Standing)

Fang, Cheng-Shun

This course covers the functions and sources of nutrients, dietary adequacy, energy balance and metabolism with emphasis on health promotion. It includes weight control, evaluation of popular diets, vegetarianism, eating disorders, alcohol, other current issues and concerns in nutrition. *Most seats reserved for incoming first-year Honors students.*

NTDT 310-081 Nutrition and Activity (Add-On)

Eastepp, Maryann

Energy and nutrient needs for activity with emphasis on particular physical and athletic activities; common myths and fallacies concerning diet and athletic performance; and appropriate dietary approaches for specific activities and active people. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: NTDT200 and a physiology course.*

NTDT 400-081 Macronutrients (Add-On)

Fang, Cheng-Shun

This course covers the metabolism of carbohydrates, proteins and fats in human nutrition, interdependence and relation to energy metabolism/balance, scientific bases of macronutrient requirement during the life cycle. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NTDT 200, CHEM 214, and CHEM 216. Meets with the regular section.*

NTDT 401-080 Micronutrients (Add-On)

Rovner, Alisha

This course examines the mechanisms and interactions of vitamins and minerals in cellular metabolism, scientific bases of nutrient requirements during the life cycle. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NTDT400. Meets with the regular section.*

NTDT 450-080 Medical Nutrition Therapy I (Add-On)

Grim, Andrea

This course covers skills required for patients' nutritional management. Medical nutrition therapy for dysphagia and adaptive feeding. Pathophysiology, diet and disease relationships and diet therapy for gastrointestinal conditions, obesity, diabetes and cardiovascular diseases. The Honors section will explore in depth one of the chronic diseases covered in this course. Students will conduct an independent project focused on individuals with the selected chronic disease. In addition, students will write a final report and do a class presentation. *PREREQ: NTDT 250, NTDT 400, BISC 276. Meets with the regular section.*

NTDT 460-080 Community Nutrition (Add-On)

Pacanowski, Carly

This course focuses on nutritional care as a part of health maintenance, health promotion, and health care delivery in community settings. It also covers the relationship of community resources, structure and dynamics to an individual's ability to be well fed. We will discuss community nutrition assessment and programming; news events and public policy tracking and presentation. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Open to majors only. PREREQ: NTDT 321 and NTDT 400. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

Nursing (NURS)**NURS 200-080 Clinical Decision Making (Add-On)**

Staff

This course focuses on health promotion and cultural diversity in individuals, families, and communities across the lifespan. Special attention is paid to the nursing care of vulnerable populations. Diverse points of view regarding wellness, self-care and personal growth are emphasized. Please contact the instructor

for the specific Honors components and grading rubric for the Honors work. *PREREQ: NURS110. Open to Honors NURS majors only. Meets with the regular section.*

NURS 235-080 Health, Vulnerability & Diversity (Add-On)

Johnson, Amy

This course focuses on health promotion and cultural diversity in individuals, families, and communities across the lifespan. Special attention is paid to the nursing care of vulnerable populations. Diverse points of view regarding wellness, self-care and personal growth are emphasized. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NURS110. Open to Honors NURS majors only. Meets with the regular section.*

NURS 354-080 Psychosocial Nursing (Add-On)

Graber, Jennifer

This course presents and examines selected concepts and theories related to restoring and maintaining optimal health of patients experiencing psychopathology. Selected laboratory and field experiences are included to enhance concepts. Based on their unique interests, Honors students assist in defining and developing a clinical experience and evidence-based practice project that deepens the understanding of a specific course content area. *PREREQ: NURS222, NURS241 & NURS242 or NURS312, NURS250 or NURS253. Open to Honors NURS majors only. Meets with the regular section.*

NURS 356-080 Care of Children and Families (Add-On)

Selekman, Janice

This course presents selected concepts and theories related to the nursing care of infants, children and adolescents and their families. Selected laboratory and field experiences are included to enhance concepts. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NURS222, NURS241 & NURS242 or NURS312, NURS250 or NURS253. Meets with the regular section.*

NURS 382-080 Communities and Health Policies (Add-On)

Hall-Long, Bethany

This course examines nurse's role in community health and health policy. Major issues affecting healthcare and current political issues examined. Issues of bioterrorism, environment, and occupational health included. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NURS222, NURS241 & NURS242 or NURS312, NURS250 or NURS253. Open to Honors NURS majors only. Meets with the regular section.*

Philosophy (PHIL)

PHIL 303-080 Modern Philosophy (Add-On)

Shabo, Seth

This course will cover scepticism and the birth of Modernity. Topics include Bacon and scientific experimentalism; Hobbes materialism, Descartes, Spinoza and Leibniz; Locke, Berkeley, Hume and Kant; and the Age of Enlightenment and its impact on philosophy, science and religion. Please contact the professor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

PHIL 310-080 Chinese Religion and Philosophy (Add-On)

Fox, Alan

In this course we will read and discuss the works of several important thinkers in the Chinese philosophical traditions, including the Confucians, Daoists, Mohists, Buddhists, Neo-Daoists, and Neo-

Confucians. We will be interested in both the content and the methodology of Chinese philosophy. It is important to remember that this is a 300-level philosophy course, and although no prior experience in philosophy is required and no knowledge of the Chinese language is necessary, still the class will be demanding and will require that you think deeply about the materials. The Honors section will run concurrently with and meet at the same time as the non-Honors section, but will read and write about more in-depth works on topics that run concurrently with the syllabus of the regular section. We will meet additionally once every other Wednesday after class for an hour to discuss the additional material. This means that students with extremely restrictive schedules might not be able to participate. The grading will differ from the regular section in that class participation will count for a higher percentage of the final grade, and this will cover the work done in the smaller group. *Meets with the regular section.*

PHIL 330-080 Philosophy of the Mind (Add-On)

Adams, Frederick

In this course we will consider some of the traditional problems associated with the mind body problem. For example: Is the mind the brain or is it nonphysical? What makes something a mental state or a mind? We shall also look at some of the more recent issues in philosophy of mind. We will consider work on the nature of consciousness and look at claims about whether we can make computers that can think. We will close by looking at work in cognitive ethnology where the goal is to discover as much as we can about the minds of nonhuman animals. The grades will be determined on the basis of quizzes, short papers, and a final exam. The format will be lecture and discussion. Class participation will be an important component of the course. Honors experience will involve additional readings summaries and opportunities to attend campus lectures on topics related to the material for the course. *Cross-listed with CGSC 330-080. Meets with the regular section.*

PHIL 465-080 Senior Seminar: Free Will (Add-On)

Lee, Hsin-Wen

This course covers various authors and themes; e.g., duty to assist the poor, prioritizing co-nationals, humanitarian intervention. RESTRICTIONS: Open only to Philosophy Majors and by permission of instructor. Please contact the professor for the specific Honors components and the grading rubric for the Honors work. *Open to PHIL majors only. Meets with the regular section. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation.*

Physics (PHYS)

PHYS 207-080, 080D, 080L Fundamentals of Physics I (Free-Standing)

Decamp, Matthew

This is the first course in a sequence with PHYS 208 that provides an introduction to physics for those in the physical sciences and engineering. Topics will include projectile motion, Newton's Laws, energy conservation principles, linear and angular momentum, torque, systems of particles, oscillations, and gravity. Topics in addition to these will be covered for the Honors section, such as computational analysis, rocket motion, and special relativity, time permitting. For the Honors section the topics will be covered in a more rigorous and thorough manner than the standard PHYS 207 course. Although the co-requisite for this course is MATH 241, it is recommended that a student be proficient in calculus before entering the course. An emphasis is placed on conceptual understanding and long answer problem solving, combined with laboratory experience. *PREREQ: One year of high school calculus recommended. COREQ: MATH 241. Only one course from PHYS201, PHYS207, and SCEN101 can count toward graduation.*

Plant and Soil Science (PLSC)

PLSC 100-080 Plants and Human Culture (Add-On)

Barton, Susan

This course is a current survey of interrelationships between plants and diverse human cultures. Different cultural lenses, such as socio-economic status, cultural heritage and residential environment are used to explore landscapes. Issues, including invasive species, water management and garden benefits provide opportunities for discussion and problem solving. The Honors section will include a group project in which students study a place on or near campus where plants and humans interact. Individual students' experiences will be analyzed to draw conclusions about how humans respond to plants. A day-long weekend field trip to the New York City High Line will afford students a great opportunity to people and plant watch. *Meets with regular section; separate Honors discussion meets three times during semester.*

PLSC 101-080 Botany I (Add-On)

Bais, Harsh

This course covers introductory botany and stresses fundamental concepts and processes in plants. Topics include cell structure and function, anatomy, genetics, reproduction, physiology, taxonomy, phylogeny and ecology. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

Political Science (POSC)

POSC 240-080 Introduction to Global Politics (Free-Standing)

Ellerby, Kara

This course is meant to acquaint students with the analytical approaches, concepts, processes, and issues of international relations. This class is built upon class discussion and debate as well as an online computer simulation. You will learn about the continuum of theoretical traditions and analytical approaches prevalent in IR, including realism and liberalism at one end to constructivism and feminism at the other. We will also explore core concepts in the field: state and non-state actors, norms, power, terrorism and collective goods, etc. The course examines both historical and contemporary issues in the international system, including armed conflict and security, political economics, the environment and human development. The overall objective is to give students sufficient awareness of the interaction of political, technological, economic, and social factors to permit a critical appreciation of contemporary global politics.

Psychology (PSYC)

PSYC 100-080/081 General Psychology (Free-Standing)

Quinn, Paul/ Kuhlman, David

This is a foundation course in the basic concepts of the scientific study of behavior. The first half concentrates on research methods, the brain, sensation, perception, learning, and cognitive processes. The second half considers intelligence, personality, mental disorders, psychotherapy, and social psychology. The course will be taught to emphasize how science proceeds through a dialogue between theory and experiment, rather than a compilation of neutral facts. Class reaction to the ideas will be encouraged to allow for student participation in the scholarly conversation. The focus will be on understanding the determinants of behavior from multiple perspectives. *Open to Honors FR & SO only. Most seats reserved for incoming first-year Honors students.*

PSYC 320-080 Introduction to Neuroscience (Free-Standing)

Griffin, Amy

This course is a survey of the basic sciences of the brain in relation to behavioral phenomena, including perception, memory, fear and aggression, and several mental disorders. *Cross-listed with NSCI 320-080. PREREQ: C- or better in PSYC 100 or NSCI100. Open to Honors NSCI and PSYC majors only.*

PSYC 340-080 Cognition (Free-Standing)

Medina, Jared

Examination of how the mind works, covering topics such as perception, vision, attention, memory, language, concepts and decision making. Major themes include understanding the mind/brain relationship, using empirical data to develop and evaluate cognitive theories, and understanding the implications of cognitive research for everyday life. Students in the Honors section will read and critically evaluate seminal articles in cognitive psychology and neuroscience via discussion and several written assignments. *PREREQ: Grades of C- or better in PSYC207 and in PSYC209 or substitutes (MATH202, MATH205, STAT200, SOCI301), except for Neuroscience majors. Open to psychology majors and minors and Neuroscience majors.*

PSYC 420-080 Mental Illness: Critical Perspective (*Free-Standing*)

Ackerman, Brian

Explores historical and current issues in understanding mental illness from biomedical and social constructionist perspectives. Focuses on recent advances and problems in conceptions of cause, diagnosis, and intervention. *PREREQ: C- or better in PSYC100 or NSCI100. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation.*

Russian (RUSS)

RUSS 325-080 Russian Civilization and Culture (*Add-On*)

Finney, Victoria

Survey of the major cultural, social and political developments in Russia from its inception to the present. Honor students will have additional assignments focused on furthering their understanding of various aspects of Russian culture. They will read additional articles provided by the instructor and present their findings. At least once during the semester, Honor students will design discussion questions and lead a discussion in class. *PREREQ: RUSS211 or RUSS305.*

RUSS 401-080 Advanced Russian Grammar and Composition (*Add-On*)

Finney, Victoria

Selected topics in advanced Russian grammar, with special attention to participial constructions, verbs of motion, aspect and problems of syntax and word order. Exercises in writing correct and idiomatic Russian. In addition to writing a final composition focused on a cultural aspect, Honor students will conduct some research on a language-related topic, such as common grammar variations in Russian or word borrowings from other languages, and present their findings to class. They will also be exposed to some additional grammar-related material and will complete more challenging exercises. *PREREQ: One 300-level Russian course*

Sociology (SOCI)

SOCI 201-080 Introduction to Sociology (*Free-Standing*)

Perez, Victor W.

Sociology is a dynamic perspective used to study social behavior and its complex relationship to larger social structure and social institutions. In this course, you will develop the sociological perspective through active learning and problem solving, employing innovative perspectives to study the nature of the self, the complex relationship between the individual and society, and various characteristics of social institutions and the consequences they produce for social experience and life chances. We will examine how commodification, rationality, globalization, and medicalization have fundamentally changed social experience and the human condition in modern society. By the end of the semester, you will be better able to critically evaluate and insightfully participate in society, while also developing a more introspective look at who you are within it. *All seats reserved for incoming first-year Honors Program students.*

Spanish (SPAN)

SPAN 200-080 Spanish Composition & Grammar (Add-On)

Hendrix, Stacey

This course is the first part of a thorough grammar review and intensive practice, targeting structure, essential vocabulary, speaking, listening and extensive writing. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN 107 or SPAN 112.*

SPAN 200-084 Spanish Composition & Grammar (Add-On)

Busch, Hans-Jorg

This course is the first part of a thorough grammar review and intensive practice, targeting structure, essential vocabulary, speaking, listening and extensive writing. *PREREQ: SPAN 107 or SPAN 112.*

SPAN 200-085 Spanish Composition & Grammar (Add-On)

Haq, Fatima

This course is the first part of a thorough grammar review and intensive practice, targeting structure, essential vocabulary, speaking, listening and extensive writing. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN 107 or SPAN 112.*

SPAN 201-080 Spanish Reading & Composition (Add-On)

McInnis-Dominiguez, Meghan

This course emphasizes the advancement of reading, writing, listening, and speaking skills while studying literary selections from Spain and Latin America. Students will strengthen their analytical skills while reading narrative, poetry, drama, and essay as well as increase their knowledge of the literary terms and movements encountered in more advanced literature classes. Compositions will be based on original analyses of the readings and will be directed towards reinforcing the use of literary terminology. Several meetings outside of regular class time will allow for film screenings and cultural excursions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN 200. Not intended for students who have already taken 300 and 400 level literature courses in Spanish.*

SPAN 201-085 Spanish Reading & Composition (Add-On)

McKenna, Susan

This course emphasizes the advancement of reading, writing, listening, and speaking skills while studying literary selections from Spain and Latin America. Students will strengthen their analytical skills while reading narrative, poetry, drama, and essay as well as increase their knowledge of the literary terms and movements encountered in more advanced literature classes. Compositions will be based on original analyses of the readings and will be directed towards reinforcing the use of literary terminology. Several meetings outside of regular class time will allow for film screenings and cultural excursions. *PREREQ: SPAN 200.*

SPAN 300-080, 081, 082 Advanced Spanish Grammar and Composition I (Add-On)

Glen, Lee

This course is the second part of a thorough review and intensive practice, targeting structure, essential vocabulary, speaking, listening and extensive writing. Students in the Honors section will keep a discussion thread in Canvas about various topics (i.e. grammatical concerns, historical and cultural issues based on the readings or any other activity related to the course, current news, movies, tv programs, etc. They will prepare summaries of some of the readings in the textbook, as well as answer extra essay

questions on exams. Students will meet in person with la profesora at least twice a month and create audiovisual portfolios (after writing an essay on a particular subject, students will prepare a short videos to submit via Canvas; grade will be based on content, pronunciation and grammar). *PREREQ: SPAN 200. Meets with the regular section.*

SPAN 301-080 Survey Of Spanish Literature (Add-On)

Guardiola-Griffiths, Cristina

This course is an introduction to key Medieval and Golden Age texts. The course familiarizes the student with historical periods, social and political realities, and cultural, historical, and artistic movements. Honors students will work with the professor to further develop the student's critical thinking through textual analysis and literary theory. Honors students will also meet individually with the professor, and present specific topics to the class during the semester. *PREREQ: SPAN 201. Meets with the regular section.*

SPAN 303-080 Survey of Spanish American Literature (Add-On)

Braham, Persephone

This course examines representative works in all genres of Latin American literature from pre-Columbian to Modernism. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: SPAN 201. Meets with the regular section.*

SPAN 303-081 Survey of Spanish American Literature (Add-On)

McInnis-Dominiguez, Meghan

This course examines representative works in all genres of Latin American literature from pre-Columbian to Modernism. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: SPAN 201. Meets with the regular section.*

SPAN 303-082 Survey of Spanish American Literature (Add-On)

Selimov, Alexander

This first half of the survey of Spanish-American literature includes readings from the chronicles of the 16th century "conquistadores" up to the "Modernistas" of the late 19th century. Through these readings we will learn of the uniqueness of the Spanish-American lands and people, and their struggles against injustice. Students will write a research paper on a historical, biographical, literary or cultural theme related to class discussion and will present their findings. The best papers will be submitted to competition (Geis, Sigma Delta Pi, MCLAS). Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

SPAN 305-080 Oral Communication (Add-On)

Rio, Aurelia

For individuals with a comprehensive knowledge of Spanish grammar and vocabulary. Emphasis on refinement of expression of abstract ideas as well as mastery of practical communication. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Not intended for native speakers. Students may not receive credit for both SPAN305 and SPAN306.*

SPAN 314-080 Spanish Phonetics and Phonology (Add-On)

Busch, Hans-Joerg

This course is highly recommended for prospective Spanish teachers and students who want to improve and practice their pronunciation and intonation in Spanish. The course will help you to understand how the Spanish phonetic system evolved from Latin, and is organized, compared to the system in English. This, together with a wealth of practical exercises will enable you to lose the typical "American accent", and to speak like a Spaniard. You will learn how to divide Spanish words into syllables, where and when to put written accents, how to pronounce vowels and consonants, as well as learn about Spanish rhythm,

intonation, linguistic variation, the evolution of the language, and phonetic transcription. You will also be able to explain to your future students why we today use the article "el" with words like "agua", why we use the feminine form of adjectives to create adverbs, where "ñ" and "ll" come from, why intervocalic "d" is often omitted, and much much more. If available, you will do a translation (English-Spanish) for an organization that serves the Hispanic community in our area, for example Community Legal Aid Society, Inc., or La Comunidad Hispana and Project Salud, in Kennett Square, PA, under the supervision of your professor. Furthermore you will be teamed with a Spanish speaker from the English Language Institute of this University to further practice your Spanish and help your partner with his/ her English communication skills. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: SPAN200. RESTRICTIONS: Recommended for prospective teachers. Meets with the regular section.*

SPAN 315-080 Reading and Writing for the Sciences (Add-On)

Rio, Aurelia

Reading and Writing for the Sciences is devoted to the analysis and creation of professional discourse in Spanish as well as the study of the cultural issues related to science, health, and healthcare in the Spanish-speaking world. Students will hone their reading and writing skills in the Spanish language and develop their understanding of the ways health, illness, and medicine are perceived in Spanish-speaking cultures. The course aims to prepare students for careers in medical and scientific fields. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN201.*

SPAN 325-080 Spanish Civilization and Culture (Add-On)

Botello, Jesus

This course is a survey of geography, history, art and society of Spain. Honors students will have to write a special two page paper about a topic selected by the instructor and do a 15 minutes presentation about a different topic about Spanish culture. *PREREQ: SPAN200. Meets with the regular section.*

SPAN 326-080 Latin American Civilization and Culture (Add-On)

Rio, Aurelia

This course is a student-centered class in which students will research and analyze fundamental aspects of the geography, history, politics and cultural production of Latin America from pre-Columbian times to the present. We place particular emphasis on questions of human rights, colonialism and nationalism, intervention, and globalization and migration. This is a process-oriented course, in which students are encouraged to discover the historical causes of modern-day problems in Latin America; improve research and analytical skills; develop independent learning skills; and master practical academic and presentation technologies. Honors students have additional assignments designed to deepen their understanding of important concepts or documents related to Latin America and to refine their presentation skills in Spanish. Students will work individually with the instructor to develop a presentation with an accompanying learning activity for the class. *PREREQ: SPAN 200. Meets with the regular section.*

SPAN 401-080 Advanced Composition and Grammar (Add-On)

Busch, Hans-Joerg

SPAN 401 is not a systematic study of Spanish grammar. (That is the purpose of SPAN 200 and 300.) In this course students will practice and apply what they have learned in previous courses, as well as broaden their vocabulary through different kinds of writings (i.e. summaries, opinion papers, narrations, feature articles, descriptions, poems, short stories, etc.), projects and class participation. Furthermore, they will have the opportunity to study and practice more in-depth those structures that traditionally cause the most problems. For example: subjunctive vs. indicative, past tenses, prepositions and

pronouns, reflexivity, active vs. passive, text progression, determination, word order, direct vs. indirect speech, sequence of tenses, use of complex tenses, etc. The SPAN 401 textbook contains an array of authentic readings about the culture, history, and politics of Spain and Latin America. The overall goal of SPAN 401 is to help students reach the ACTFL Language Testing Advanced-Low Level. Students registered in the Honors section must volunteer in a community project, for example with the Community Legal Aid Society, Inc., or La Comunidad Hispana and Project Salud, in Kennett Square, PA - where you can use your knowledge of Spanish to help people in need. I can also set you up with a Spanish speaking student from the English Language Institute. You will have to meet with this language partner on a regular basis to speak Spanish/English with each other, keep a diary to document your meetings and your progress. Expect to spend at least 10 hours during the semester for the Honors component. *PREREQ: One 300-level Spanish course. Meets with the regular section.*

SPAN 401-081 Advanced Composition and Grammar (Add-On)

Staff

Study and practice of selected problems of written and oral Spanish syntax and vocabulary as well as textual analysis. The Honors students will get additional practice opportunities to improve their oral and written proficiency.

SPAN 447-080 Contemporary Hispanic Fiction by Women

Brown, Joan

This course explores outstanding contemporary fiction by women writers from Spain and Latin America. From a gender-bending short story to a supernatural memoir to a gripping war novel, these works provide a window into life and literature in Spain, Argentina, Chile and Puerto Rico. The primary goal of the course is to analyze outstanding works as individual literary creations while situating them in their literary, historical and sociocultural contexts. An ancillary goal is to build skills in Spanish through interactive discussion, reading, and writing. Meets with a graduate section, SP 647. *PREREQ: One 300-level literary survey course.*

SPAN 490-080 Capstone Seminar: Hispanic Literature (Add-On)

Botello, Jesus

This course is an intensive seminar conducted in Spanish and devoted to the study of a selected aspect of transatlantic Hispanic literature over time. You will synthesize prior literary and cultural studies in Spanish through immersion in an area that integrates and expands student's existing knowledge. Course curriculum emphasizes independent research and intensive critical writing. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One of SPAN 301, 302, 303, 304, 355 or 370 and one SPAN 400-level course. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets after the regular section.*

Theater (THEA)

THEA 104-080 Introduction to Theatre and Drama (Free-Standing)

Tague, Steve

Theater is storytelling, artful storytelling. Storytelling has been as central to human development as food and shelter. Why is storytelling so important to us? It's a long way from storytelling in a cave around a fire to Phantom of the Opera. What happened in between? We will attempt to answer these questions as we look at the great plays of Western Civilization that put forth further questions, like who are we and why are we here. Plays won't answer those questions, but they do tend to, as David Mamet says, "air out our conflicts" and at their best, invite us to, "lay down the burden of reason." In this course we will reason our way through theater literature as well as dance with the unreasonable.

Urban Affairs and Public Policy (UAPP)

UAPP 110-080 Changing the World: The Role of Public Policy (Add-On)

David, Nina

Policy is how communities at all levels address their complex challenges in such areas as health, education, energy, housing, poverty, economic growth and environmental sustainability. Public policies are the product of choices made by governments that drive public investments, create rules and sanctions, establish services and security, guide and regulate markets and businesses, and allocate benefits and costs to citizens. This course examines major contemporary policy issues, and reviews the strategies that are adopted to address these policy challenges at the local, national and global levels. The Honors section will include participation in extended discussions with the instructor, and the development and presentation of a policy analysis paper on a topic related to the student's area of interest. *Open to Honors UAPP majors only. Some seats reserved for incoming first-year Honors majors. Meets with the regular section.*

UAPP 225-080 Crafting Public Policy (Add-On)

Morrison, KC

The course covers the background to the American political process, providing the fundamentals and framework for the study of administration and public policy. Among topics: institutions, federalism, intergovernmental relations, citizen participation and representation, inter alia. Honors students are required to develop a major research project on a public policy case, with a comparative focus (utilizing countries and policies outside the US); to produce a public policy case analysis; and to prepare a group presentation (PowerPoint) on a topical public policy issues related to the required text. This interactive course, also requires a weekly classroom processing of a case as assigned by the instructor.

UAPP 325-080 Public Policy Analysis (Add-On)

Barnes, Philip

Policy analysis involves the ability to critically and systematically analyze and evaluate public policies. This course introduces students to the methods and processes used to analyze policies. Its emphasis is on the practical application of policy analysis principles and concepts to address contemporary public problems. Honors students will critically evaluate several professional policy analyses in their interest area, orally present their findings to the class, prepare a longer-length policy analysis, and meet regularly with the instructor for one-on-one feedback. *Open to Honors UAPP majors only. Meets with the regular section.*

UAPP 440-080 Contemporary Policy Issues (Add-On)

Justice, Jonathan

Capstone course serves as a culminating learning experience for students during their senior year. Involves an integration of the policy skills that they have developed within applied contexts related to their minors or areas of interests and their UAPP 300 Field Experience. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Open to majors only.*

Women and Gender Studies (WOMS)

WOMS 210-080 Women and Religion (Add-On)

Naccarelli Reese, Jennifer

This course explores the relationship between sacred text and women's religious and societal roles within Christianity, Judaism, Islam, Hinduism and Buddhism during diverse historical moments. We will examine the experience of women operating within the confines of their various traditions as well as consider those who pushed the boundaries of their faith communities. We will also utilize a variety of feminist approaches to the study of religion. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

WOMS 350-080 Gender and Criminal Justice (*Add-On*)

Miller, Susan

Most of our knowledge about crime and the criminal justice process is informed by male experiences. This course shifts the focus to examine the ways our legal and social systems affect and influence women's lives. Not only will we examine the various formal and informal controls that restrict women, but we will also examine how these issues intersect one's race, class, sexual orientation, and gender positions in our society. Special criminal justice field experiences (police, courts, women's prison) will be part of the Honors component. *Cross-listed with CRJU 350-080. Open to Honors CRJU and WOMS majors only. Meets with the regular section*

Honors Degree and Honors Degree with Distinction Approved Capstone/Seminar Courses

Notes: Courses listed in bold are being offered this fall. You must take these courses for Honors credit to count as Honors Degree Capstone/Seminar courses.

Only courses listed below will count as Honors Degree Capstone or Honors Degree Seminar courses.

Asterisks (*) indicate a note at the end of the table.

Department	Course No.	Course Title
Accounting	ACCT 425-080	Strategic Information Systems & Accounting
Animal and Food Science	ANFS 404-080* ANFS 411-080 ANFS 417-080* ANFS 418-080	Dairy Production Food Science Capstone Beef Cattle and Sheep Production Swine Production
Anthropology	ANTH 486-090*◆ ANTH 487-090*◆	Social and Cultural Anthropology Tutorial in Archaeology
Art Conservation	ARTC 495-080	Seminar: Preservation Capstone
Art History	ARTH 406-080 ARTH 445-080	Seminar: Medieval Jerusalem Seminar: East Asian Studies
Behavioral Health & Nutrition	NTDT 460-080 NTDT 475-080 BHAN 490-080	Community Nutrition Transcultural Foods and Cuisine (Hawaii section only) Development of Health Promotion Programs
Biomedical Engineering	BMEG 450-080	Biomedical Engineering Design
Business Admin.	BUAD 441-080* BUAD 478-080	Strategic Management (Honors in fall semester only) Field Projects in Marketing
Civil & Environ. Eng.	CIEG 461-080*	Senior Design Project
Chemical Engineering	CHEG 432-080	Chemical Process Analysis
Cognitive Science	CGSC 485-090◆ CGSC 485-091◆	Language and Thought Language, Music and the Brain
Communication	COMM 490-080	Communication Honors Capstone
Computer and Information Science	CISC 475-080	Object Oriented Software Engineering
Computer and Electrical Engineering	CPEG/ELEG 499-080	Senior Design II
Economics	ECON 423-080 ECON 435-080 ECON 436-080 ECON 530-080	Econometric Methods & Models II Contemporary Macroeconomic Policy Seminar in Public Policy Economics Application of Math in Economics
Education	EDUC470-080	Topics in Education
Energy and Environmental Policy	ENEP 472-080	Senior Thesis
English	ENGL 480-080 ENGL 491-080	Seminar: Digital Tools in Lit and Culture Methods of Teaching Secondary English

Environmental Science/ Studies	ENVR 450-000 ENSC 450-000	Proseminar in Environmental Science Proseminar in Environmental Science
Fashion & Apparel Studies	FASH 484-080 FASH 490-080	Design Expressions Strategic Fashion Management
Finance	FINC 413-080	Advanced Corporate Finance
History	HIST 411-081 HIST 475-080	Seminar in American History Seminar in Modern European History
Human Development & Family Studies	HDFS 422-080 HDFS 481-080*	Family Relationships Student Teaching Seminar
Hospitality, Business Management	HOSP 489-080 HOSP 495-080	HRIM Restaurant Management Practicum II Hospitality Feasibility Studies
Kinesiology & Applied Physiology	KAAP 400-080, 081, 082, 083	Research Methods
Leadership	LEAD 490-080	Senior Capstone
Mathematical Sciences	MATH 380-080♦ MATH 460-080 MATH 512-080 MATH 530-080	Approaches to Teaching Mathematics Introduction to Systems Biology Contemporary Applications of Mathematics Application of Mathematics in Economics
Mechanical Engineering	MEEG 401-090*♦	Senior Design
Medical Laboratory Sciences	MEDT 462-080* MEDT 474-080* MEDT 476-080* MEDT 478-080* MEDT 481-080*	Experiential Learning Clinical Chemistry Practicum Clinical Hematology Practicum Clinical Microbiology Practicum Clinical Immunohematology Practicum
Nursing	NURS 478-080	Clinical: Care of Populations
Philosophy	PHIL 465-080	Senior Seminar
Physics	PHYS 660-080	Computational Methods of Physics
Psychology	PSYC 415-080 PSYC 420-080	History and Systems of Psychology Mental Illness: Historical and Critical Perspectives
Spanish	SPAN 490-080	Hispanic Literature
Urban Affairs and Public Policy	UAPP 440-080	Contemporary Policy Issues
Women's Studies	WOMS 410-080	Women's Studies Capstone
Honors Program	UNIV 490-080 UNIV490-081	HNRS Tutorial: Books that Blow Your Mind HNRS Tutorial: Famous Greek & Roman Authors
Undergraduate Research	UNIV 402-080	Second Semester Senior Thesis <i>(Must be taken for no less than 3 credits.)</i>

Please see notes on following page.

NOTES (indicated by *):

ANFS 404 and 417: Offered in alternating springs.

ANTH 486/487: Available to ANTH majors only. Made Honors through Individual Honors Contract.

BUAD 441: Offered as an Honors course in fall semester only.

CPEG/ELEG 499: Offered spring only.

CIEG 461: To count as a Capstone, both semesters (4 cr.) must be taken for Honors credit.

CISC 475: Offered as an Honors course in fall semester only.

ENGL 480: Open to ENGL majors only. ENGL 491 open to ENGL ED majors only.

HDFS 481: Open to ECED majors only.

MEDT 473, 475, 477, and 479: Open to MEDT majors only.

MEEG 401: Made Honors in fall through Individual Honors Contract.

UNIV 495: Offered in fall semester only.

Notes (indicated by ♦): Course requires Individual Honors Contract Form to be made Honors.