Honors Course Booklet
Fall 2015

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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 Fall Tutorial and HD Seminar 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. We will read the following books, 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.

Honors Degree Seminar

Open to Honors Degree candidates only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. It also satisfies an Arts & Sciences Group A and the Second Writing requirements. To enroll in this course you must complete the Fall Tutorial and HD Seminar Form.

UNIV 495-080
Honors Degree Seminar:
Big Ideas and Elegant Solutions: Creativity in the Sciences
Peters, Ray
The focus of this seminar is a biographical examination of creativity in science. We will study the creative process used in developing scientific theories and the problem-solving process in applied sciences such as engineering and medicine. Our objective is to explore variation in scientific creativity while searching for universals in the creative process. Among the questions we will consider are the following: What is the connection between imagination, reason, ethics, creativity, and discovery? Is creativity in science and math different from creativity in the arts? What are the characteristics of the creative personality? We will read the following texts: E=MC2: A Biography of the World’s Most Famous Equation; Gifted Hands: America’s Most Significant Contributions to Surgery; Drive and Curiosity: What Fuels the Passion for Science; and Becoming Steve Jobs: The Evolution of a Reckless Upstart into a Visionary Leader. We will also view films about scientific creativity such as The Best Mind since Einstein, N Is a Number, The Proof, and Sketches of Frank Gehry. In addition to leading discussions on assigned readings, students will make presentations on their research projects. Students will write brief response papers, critical reviews, and a research paper examining creativity in science.
Honors Forum Course

ARSC 295-080: Distinguished Scholars Forum
Food Life (1 credit)
Waller, Nick / Cole, Ron

The critical role of food in our daily life is obvious; yet the path that it takes from oceans, farms and markets to be enjoyed at restaurants and our tables is both fascinating and complex. Today’s generation enjoys almost unlimited, 12-month access to foods from all over the planet, processed and prepared in a variety of formats and settings. This class will examine the roles that: history, culture, geography, economics, chemistry and physics play in our daily quest for food and beverages.

After “pulling” fresh mozzarella cheese, studying the history and development of dining rituals, touring a salumeria, watching a film about the world-wide coffee market, experimenting with “meat glue” or artisanal approaches to ice-cream making, discussing the impact of genetically-modified foods with a local cheese producer, or eating in a Cambodian restaurant, it is our hope that students will have a new view of their individual “food lives”.

The class will meet in the late afternoon, every two weeks, and involve a combination of experience-driven learning, off-campus visits, food and beverage tasting, and special expert speakers. Open only to Distinguished Scholars. Some seats reserved for first year Distinguished Scholars. To enroll in this course you must complete the DiScho Forum Form.
Departmental Courses

Only UDHP 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 that enrollment.

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.

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: ACCT 207, ACCT 208. RESTRICTIONS: Requires junior 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: ACCT 315. RESTRICTIONS: Requires junior status and a grade of C- or better in ACCT 315.

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 UDHP 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 101. 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. COREQ: ANFS 111 (mandatory for majors). Offered in Fall only. Open to incoming UDHP majors only. Meets for lecture 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: ANFS 140. Meets with the regular section.

ANFS 442-080 Lactational Physiology (Add-On)
Gressley, Tanya
This course evaluates physiology and metabolism of lactation 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. PREREQ: ANFS 140. Meets with the regular section. Honors section will also meet at an additional time that will be decided upon by the consensus of students and faculty.

ANFS 467-087 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 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. As we lead into the 2015 course, an outbreak of highly pathogenic avian influenza in commercial poultry has spread across parts of the United States and now threatens the Delmarva Peninsula. The concepts in the course are timely and essential. The Honors section will concentrate on societal and ethical considerations of emergency animal management. Meets with the regular section.
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 UDHP ANTH majors. 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.

Arabic (ARAB)

ARAB 205-080 Arabic Conversation (Add-On)
Masmoudi, Ikrarn
This course 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 grading rubric for the Honors work. PREREQ: ARAB 200. Meets with the regular section.

Art Conservation (ARTC)

ARTC 301-080 Care and Preservation of Cultural Property (Add-On)
Staff
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. Meets with the regular section.

ARTC 495-080 Preservation Capstone (Add-On)
Cassman, Vicki
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)
Nees, Lawrence
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. The Honors Section will have first-hand experience with looking art objects at local museums. *Meets with the regular section.*

**ARTH 210-080 Later Medieval Art: 1000-1400 AD (Add-On)**
Lachat, Isabelle
This course focuses on the history and development of the arts of painting, sculpture and architecture in Europe in the period 1000-1400. A wide range of objects and monuments will be addressed in light of their religious, social, political and aesthetic functions and significance for their medieval patrons and audiences. Ottonian, later Byzantine, Romanesque and Gothic artistic traditions will be discussed in their historical and cultural contexts. Case studies will allow for careful analysis of medieval visual practices as well as contemporary scholarly assumptions and methodologies. The Honors section will meet regularly throughout the semester to discuss scholarly articles and primary sources dealing with specific aspects of monuments and objects discussed in class. These discussions will allow students to gain a deeper understanding of problematic contextual and methodological issues of interest to all areas of the humanities curriculum with particular emphasis on issues of conservation and restoration. *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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *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.*

Dominguez Torres, Monica
An examination of diverse museum exhibits featuring indigenous cultures of the Americas, in order to determine the most effective strategies to display the Ese’Eja culture, a hunting-gathering-fishing community from the Peruvian Amazons. Students will gain hands-on experience in the design and conceptualization of an exhibition, and will be able to engage in close examination of authentic artifacts. Special activities will include lectures by guest speakers and visits to nearby collections. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. May be repeated when topics vary. Meets with the regular section.*

**Biology (BISC)**

**BISC 100-080/081 Freshman Seminar (Free-Standing)**
Nauen, Jennifer
This seminar complements BISC 207 course topics of cell structure and function, genetics, and biochemistry. We will read and discuss current papers on viruses, cells and animal physiology that link to topics covered in lecture. We will emphasize experimental design and data interpretation in the discussions, as well as the process of science. *Open to incoming first-year UDHP students only. Concurrent enrollment in BISC 207 Honors required.*

**BISC 207-080/080L, 081/081L 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 UDHP students only. COREQ: CHEM 103 or CHEM 111. Concurrent enrollment in BISC 100-080 required. Please note, all 5 credits of BISC207 and BISC100 must be taken.**

**BISC 207-084/084L, 085/085L, 086/086L, 087/087L Introductory Biology I and Lab (Free-Standing)**
Hlousek-Radojcic, Alenka
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 UDHP students only. COREQ: CHEM 103 or CHEM 111.**

**Biomedical Engineering (BMEG)**

**BMEG 450-080 Biomedical Engineering Design (Add-On)**
Buckley, Jennifer/Stephens, Jean/Wang, Liyun
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 UDHP FR students 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 UDHP FR students only.**

**BUAD 301-080 Introduction to Marketing (Free-Standing)**
Bayuk, Julia
This course provides students with a foundation in Marketing. Topics include marketing strategy, marketing research, consumer behavior, product planning, pricing, personal selling and advertising, as well as current trends in marketing. Students will begin to understand what marketing is all about, both from the perspective of an organization and that of the consumer. **Some seats reserved for Honors BUAD majors. Requires sophomore status.**

**BUAD 306-080 Service and Operations Management (Free-Standing)**
Kydd, Christine
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 441-087 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. 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.

**Cognitive Science (CGSC)**

**CGSC 170-080 Introduction to Cognitive Science (Free-Standing)**

Staff

Cognitive science is an interdisciplinary study of mind that typically assumes that thinking is a material computational process. It includes fields such as philosophy, linguistics, computer science, psychology, biology, and anthropology. In this course, we will examine three approaches to the study of cognition. We will start with the idea that the mind is a special type of computer – namely, a formal symbol manipulator that runs on “wetware” instead of hardware. Second, we will examine the idea that cognition is best modeled in terms of artificial neural networks. Third, we will turn to cognitive neuroscience, which aims to understand the cognition primarily in terms of brain processes. We will evaluate each view, in part, by examining its usefulness for understanding specific types of cognitive tasks – e.g., logical reasoning, concept/category formation, linguistic communication, etc. – as well as cases where the mind does not function properly (ex., autism). This course will be taught in a seminar format with less lecturing and more student generated discussion. Students will read scientific articles from scholarly journals and will have homework and writing assignments.

**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 ethology 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)**

Epps, Thomas

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, 081 Lecture & 080, 081, 082, Lab General Chemistry (Free-Standing)
Graves, Kimberly
Open to incoming first-year UDHP students only. PREREQ: one year of high school chemistry. COREQ: MATH 114 or higher.

CHEM 103-084 Lecture and 084 Lab General Chemistry (Free-Standing)
Fajardo, Jacqueline
Open to incoming first-year UDHP students only. PREREQ: one year of high school chemistry. COREQ: MATH 114 or higher.

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 UDHP 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.. Enrollment in MATH 241 or higher recommended.

CHEM 115-080/081L, Introduction to Chemical Science (Free-Standing)
Munson, Burnaby
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. Open to incoming UDHP first-year majors only.

CHEM 331-080 Organic Chemistry (Free-Standing)
Watson, Donald
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.

CHEM 445-080L Physical Chemistry Lab I (Free-Standing)
Munson, Burnaby
This course examines the physical methods for studying properties and reactions of matter. Please contact the instructor for specific Honors components. Course will include research with faculty in CHEM/BIOC or development of new laboratory experiments. PREREQ: CHEM120, or CHEM220 and CHEM221. To be taken concurrently with or subsequent to CHEM418 or CHEM443 or CHEG231. Requires permission of instructor. Meets with the regular section.
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 467-080 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. 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 statistically 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/081L Structural Analysis (Add-On)
McConnell, Jennifer
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)
Paul, Michael
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 106-080/081/082, 080L, 081L, or 082L General Computer Science for Engineers (Free-Standing)
Yarrington, Debra
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 (Add-On)
Decker, Keith
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 UDHP 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)
Novocin, Andrew
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. 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 or CISC280. 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.

Comparative Literature
CMLT 316-080 Classical Mythology (Add-On)

Staff

The subject of Classical Greek and Roman mythology is a broad one, and this course will focus on myth as presented primarily in the medium of epic poetry. The course commences with Hesiod’s account of the birth of the Greek gods and goddesses and moves next to the most famous myth of all, the tale of the rape of Helen and the fall of Troy. Particular emphasis will be placed on the possible historical reality of the Trojan myth and on Homer’s depictions of the gods and heroes who participated in this saga. From Homer’s warrior hero Achilles and the wanderings of Odysseus, we will proceed to the strange Hellenistic Greek tale of Jason, the witch Medea, and the quest for the golden fleece. The remainder of the course will be dedicated to Roman myths and adaptations of Greek material. On the syllabus is Virgil’s Aeneid, the story of the Trojan Aeneas and his wanderings to Italy, where he would become the founder of the Roman race. Here emphasis will be placed on the new politicizing of myth and the manipulation of myth for propagandistic purposes. Next the bold and sacrilegious Metamorphoses of Ovid will be studied; here the familiar Homeric gods become something quite undeserving of respect and worship. The course will close with what is perhaps the strangest of all tales, the story of the "hero" Lucius, who becomes, quite literally, an ass and a devotee of the seductive Egyptian goddess Isis. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. Cross-listed with FLLT 316-080. Meets with the regular section.

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

Mortenson, Steven/Perse, Elizabeth

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 UDHP COMM Interest majors only. Meets with the regular section for lecture; separate Honors discussion.

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

Mortenson, Steven

This course includes an in-depth study of a set of issues relevant to interpersonal communication. In the Honors component of COMM341, we will read and discuss a series of papers describing interpersonal communication research performed by former U.D. graduate and undergraduate students. Open to UDHP COMM majors only. Meets with the regular section.

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

Angelini, James

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 COMM majors only. Meets with the regular section.
Computer Engineering (CPEG)

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

Kiamilev, Fouad

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 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 UDHP 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 Program 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. Preference given to incoming first-year Honors Program students.

ECON 101-082 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 Program 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)**
Arnold, Michael
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. Credit can be earned for only one among ECON251, ECON255, ECON300, or ECON301. Open to UDHP ECON majors & minors & UDHP MAEC majors only. BS Majors must take ECON301.

**ECON 308-080 Banking and Monetary Policy (Free-Standing)**
Beck, Stacie
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 UDHP 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 418-080 Economic History of American Labor Market (Add-On)**
Grubb, Farley
The American markets for immigrants, indentured servants, slaves, heroes, cowards, coal miners, and female workers are analyzed. Economic tools are used to study contract structures, incentives, and enforcement; labor law; worker compensations and risks; discrimination; labor market participation; compensating differentials; labor voice (unions); and labor choices of all kinds. These tools include microeconomic theory and statistical analysis of data. A selection of particular episodes of American labor market history between 1750 and 1990 are studied in depth to illustrate the economic forces at work and how economic tools can enlighten our understanding of how labor markets work. Honors students will, in addition to the requirements of the regular class, select a labor market topic from American history of their choice, with my approval, that is not directly addressed in the class, research it, and write a paper applying economic thinking and analysis to learn some new insight into their selected labor market topic. **PREREQ:** One of ECON 251, MATH255, ECON 300, or ECON 301. Meets with the regular section.

**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 additional to all work, including papers, assigned to the non-honors students). PREREQ: ECON303. 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: ECON 251, 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.

**ECON 530-080 Application of Mathematics in Economics (Add-On)**
Angell, Thomas

This course provides students with experience in the application of mathematics in economics. Mathematical topics may include applications of ordinary and partial differential equations, game theory, linear programming, dynamic programming, stochastic programming and calculus of variations. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. Cross-listed with MATH 530-080. PREREQ: MATH 302, MATH 349, ECON 301, and ECON 303. Meets with the regular section.

**Education (EDUC)**
**EDUC 258-080 Cultural Diversity, Schooling and the Teacher (Free-Standing)**
Matusov, Eugene

This course 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.

**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. 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. 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 267-080 Science and Technology for a Better World (Add-On)**
Mohun, Arwen / Shah, Ismat
How can science and technology be used to make a better world for everyone? What are the lessons we can learn from past successes and failures? What are the guiding principles for current and future work? What kinds of research are currently happening on campus that addresses these concerns? In this one-unit course, scientists, engineers, philosophers and historians from across campus will share their insights on these important questions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors course. Cross-listed with HIST 267-080 and PHYS 267-080. Meets with the regular section.

**English (ENGL)**
**ENGL 324-080 Shakespeare (Add-On)**
Wilson, Miranda
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 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 Fantasy: Tolkien to Rowling (Add-On) *not on 3/30 COGNOS**
Carroll, Siobhan
This is an intensive capstone seminar that employs research presentations as the occasion for students to consolidate skills acquired in 100-, 200-, and 300-level coursework. "Fantasy: Tolkien to Rowling" studies the ways that magical stories like Neil Gaiman's American Gods or Rowling's Harry Potter series respond to real-world social issues. As we read and watch key works from this genre, we will ask whether fantasy provokes us to rethink the gender, racial, religious configurations of our society, or whether it lulls us into a deeper acceptance of “things as they are.” Over the course of the semester students will develop their own research projects on fantasy that they will have the opportunity
to present at an end-of-semester research symposium. Honors students will be work individually on an additional Honors assignment that they will design in consultation with the instructor. This assignment can be a creative project or mini-essay on a topic of the student's choice. Honors students will also be involved in planning and promoting the "fantasy" section of the undergraduate research symposium. **PREREQ:** ENGL.101, ENGL.102. **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.

**Environmental Science (ENSC)**

**ENSC 101-080 Introduction to Environment (Add-On)**
Hanson, Brian

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. *Meets with the regular section.*

**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 Program 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)**
Bartlett, Charles

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 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 333-080/080L Fashion Forecasting and Design (Add-On)
Cobb, Kelly
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 355-080 International Fashion Consumers & Retailers (Add-On)
Jung, Jaehee
This course analyzes global and country specific factors that impact distribution systems for and consumption of fashion related products. This course will provide an understanding of consumers of fashion products within a global context and motivations for pursuing a global marketing and retailing strategy. The Honors section of this course will have an additional focus on retailing in an emerging market as it applies to changing consumerism, macro environmental factors and types of retailers pursuing these markets. PREREQ: FASH218 (FASH 114 no longer required) or BUAD301. Meets with the regular section.

FASH 420-080 Assortment Plan, Source, and Buy (Add-On)
Staff
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)
Staff
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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: ECON 101 or ECON 103 (previously ECON151 and ECON 152). Open to FASH majors only. Meets with the regular section.

FASH 484-080/081 & 080L/081L Design Expressions (Add-On)
Orzada, Belinda
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 UDHP Apparel Design
Finance (FINC)
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:** FINC 311 with a minimum grade of C-. Open to JR and SR FINC majors only. Meets with the regular section.

FINC 418-080 Seminar in Corporate Governance (Add-On)
Elson, Charles M
We are in the midst of a merger of corporate law and finance that will make a fundamental impact upon corporate structure and performance. This seminar will explore the contemporary U.S. corporate governance movement from a financial, legal, and managerial perspective and its impact on, among others, the following areas of corporate controversy: stakeholder/shareholder relations, executive compensation, corporate philanthropy, corporate democracy, director responsibility and liability to shareholders, the prevention of corporate fraud and other forms of illegal conduct, and the adoption of corporate governance guidelines and their impact on corporate performance. Students will conduct an individual research paper on a governance topic of his or her choice. Guest speakers will contribute to seminar sessions. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. **PREREQ:** FINC 311. Open to majors only. Meets with the regular section.

FINC 419-080 Financial Modeling and Valuation (Add-On)
Stocker, John
This course applies economic principles and financial modeling techniques to value seasoned equity, initial public offerings, mergers, private equity transactions, and leveraged buyouts. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. **PREREQ:** FINC 312 and FINC 314. Meets with the regular section.

Foreign Languages and Literature (FLLT)
FLLT 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.**

FLLT 345-080 Modern Israel: History & Culture (Add-On)
Gutman, Eynat
Interested in the study of modern Israeli culture? This course will enlighten you in many ways. What are the origins of Zionism? Who is an Israeli Sabra? How did factors and events like the Holocaust and the Arab-Israeli conflict shape the Israeli society of today? Taught in English, the course will address such questions: through historical background and the study of film, literature and music, we try to arrive to an understanding of this complex culture. In addition to regular class requirements, Honors students will have to submit a final paper. **Cross-listed with JWST 345-080. Meets with the regular section.**

FLLT 375-080 Topics: Russian & Soviet Culture (Add-On)
Hulings, Julia
Did you know that Russians won’t whistle inside the house? Or that they won’t give watches as gifts? What is the real significance of the summer dacha? To ever gain insight into the Russian “soul,” one must first attempt a foray into the heart of the peasant himself. Trace the image and treatment of the Russian peasant in literature, art, and politics from the
dawn of Kievan Rus’ through the Stalinist era of collectivization and eventual fall of the Soviet Union. Through short literary texts, actual pieces of public policy, and works of art, we will see how the Russian upper classes, government, and socially conscious writers dealt with the “peasant problem.” Begin with key aspects of the peasant world, such as Orthodox Christianity, pagan superstition, and the unique institution of the mir. Continue with an overview of Russian serfdom from its inception until the Emancipation of 1861 and its consequences. Explore the 19th-century debate between the Slavophiles and Westernizers, the effects of the revolutions of 1905 and 1917, and finally the results of policies developed and enforced under the Soviets. Join us and get in touch with your inner peasant! Honors students will choose an additional novel from a list of works that relate to the course topics and then, with the help of the professor, formulate a topic for a 5-7 page paper. *Meets with the regular section.*

**French (FREN)**

**FREN 200-080 Grammar and Composition (Add-On)**
Lees, Cynthia
This course includes intensive grammar review of all major verb tenses and grammatical concepts (such as object pronouns). There is also an emphasis 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 205-080 French Conversation (Add-On)**
Sankara, Edgard
This course is centered upon the practical use of French to develop proficiency primarily in speaking but also in writing by way of oral presentations, small group and round table discussions, and occasional written tasks. If you would enjoy learning about French and Francophone music, art, cultural practices, fashion, foods, current events and a host of other topics, French Conversation will provide you with rich, interactive opportunities to do so. The Honors section of French Conversation focuses on several readings (poems, articles) and weekly discussions. A short novel and its film version will be studied. Additional assignments include an oral presentation to the regular class section (following an interview with a French speaking person). The rich weekly discussions are very intense and fun. The Honors French Conversation course is a rich experience. **PREREQ:** A minimum grade of B in FREN 107 or FREN 112 or one 200-level course. **Not intended for native speakers of French. Meets with the regular section.**

**FREN 211-080 French Reading and Composition (Add-On)**
Lees, Cynthia
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, Maïllet, Roy, and Sarrate. 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 211-081 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)**
Lees, Cynthia
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 326-080 French Civilization II (Add-On)**
Sankara, Edgard
Did Marie Antoinette really say “Let them eat cake?” In which ways was Napoléon’s “Code civil” unkind to women and unfair to blacks? How did the Impressionists get their name? Why are Louis Pasteur and Ferdinand de Lesseps so famous? If these questions (or their answers) intrigue you, or if you’re simply interested in broadening your knowledge of French history and cultural history with a view to trying out for JEOPARDY, this may be just the course for you! French 326 traces the development of French civilization from the Revolution to the conclusion on World War II. A discussion of the French history of this period will be supplemented by slides, literary readings (poems, short stories, excerpts of longer works), and films (four out-of-class films are obligatory). Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. **PREREQ: Any two 200-level French courses. Meets with the regular section.**

**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 majors only. Preference given to incoming Honors first-year 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. **Preference given to first-year incoming UDHP students. 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,
conducted 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. Open only to those students whose majors require the course. 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)*
Unger, Donald
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 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: HDFS201, HDFS235, HDFS334 or permission of instructor. Meets with the regular section.

**HDFS 427-080 Parenting Through the Lifespan** *(Add-On)*
Settles, Barbara
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 481-080 Honors Capstone: Student Teaching Seminar** *(Add-On)*
Worden, Lynn
This course is a discussion-oriented and problem-solving seminar with emphasis on role and contributions of the early childhood education professional. It includes introduction to teachers as researchers and completion of public presentation. 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. COREQ: EDUC 400. Open to UDHP SR early childhood education majors only. Requires permission of instructor. Meets with the regular section.
**History (HIST)**

**HIST 101-082/082D Western Civilization to 1648 (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. *Seats reserved for incoming first-year Honors Program students. Meets with the regular section; separate Honors meeting.*

**HIST 102-080 Western Civilization: 1648-Present (Add-On)**
Cruz, Jesus
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 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 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 267-080 Science and Technology for a Better World (Add-On)**
Mohun, Arwen / Shah, Ismat
How can science and technology be used to make a better world for everyone? What are the lessons we can learn from past successes and failures? What are the guiding principles for current and future work? What kinds of research are currently happening on campus that addresses these concerns? In this one-unit course, scientists, engineers, philosophers and historians from across campus will share their insights on these important questions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors course. *Cross-listed with ENEP 267-080 and PHYS 267-080. Meets with the regular section.*
HIST 268-086 Seminar: European Nationalisms *(Add-On)*
Brophy, James
This seminar focuses on the impact of nationalism in Europe from the eighteenth century to the present. Our weekly meetings will have a dual purpose. We will read critical works on European nationalism and discuss them; but we will also discuss “historical method”: the nuts and bolts of reading, researching, and writing history. The term paper, which is the final assignment of the course, will be written in stages as a proposal, first draft, and final version. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to HIST majors only. Cannot be repeated for credit. Meets with the regular section.*

HIST 268-089 Seminar: The First World War *(Add-On)*
Bernstein, John
This course offers an 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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Open to HIST majors only. Cannot be repeated for credit. Meets with the regular section.*

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 319-080 Revolutionary America *(Add-On)*
Matson, Cathy
This is a lecture course covering the final colonial years and Revolutionary generation in North America. It focuses on economic, social, and cultural-- but not military -- aspects of Atlantic revolutions in this era. Students will be required to attend lectures, participate in discussions, and write regularly in this course. Honors students will meet with the professor outside of class and be required to analyze additional primary source materials. *Meets with the regular section.*

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 each choose a book relevant to the course material and learn to read and write about it in two very different ways: a quick "gutting" and a brief abstract, and then a very thorough reading and careful evaluation based in part on scholars' reviews of the book. *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 355-080 & 081 Early Modern European Intellectual History (Add-On)
Bernstein, John
This course examines the major development in thought from around 1600 to 1800. Questions considered are the nature of political order and justice, the character of the good life and moral obligation, the relation between faith and reason, and the development of historical reason and theories of the fine arts. Readings will be from Milton, Locke, Voltaire, Rousseau and others. Honors students will do a somewhat longer term paper and meet privately as a group with the professor. 

HIST 377-080 Radicalism and Revolution: Islam Movement/Modern Middle East (Add-On)
Matthee, Rudolph
This course will explore the contexts, dynamics, structures and ideologies of a number of Islamic movements which since 1700 have arisen in the Middle East and the wider Islamic world. It seeks to provide a historical framework for a better understanding of the modern expression of Islamic “fundamentalism” on the basis of examples in the past as well as in the present. Emphasis will be placed on Egypt, Lebanon, Iran, and Palestine in the modern period, as well as on the more recent phenomenon of "global jihad" as represented by al-Qa'ida and ISIS/ ISIL. Requirements include lectures, documentaries, fifteen-page paper, midterm and final. The Honors component will consist of a more extensive research paper and additional discussion.

HIST 411-080 Seminar in American History (Add-On)
Joyce, Barry
Topics vary per term. Recent topics include Jefferson and His Time, Women in 20th Century America, The Nightmare Years: The U.S. 1960-1980, American Religious History and Conservatism in Recent America. 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. PREREQ: HIST 268. Meets with the regular section.

HIST 475-080 Europe Between the World Wars (Add-On)
Cruz, Jesus
This course will cover variety of topics such as, The Holocaust, The Cold War, Hitler's Germany, or The Age of Revolution. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: HIST268. Open to HIST majors only, or permission of instructor. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.

Hotel, Restaurant, & Institutional Management
HRIM 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 majors only. Meets with the regular section.

HRIM 201-080 Food Principles (Add-On)
Cole, Ronald Paul
This course examines the chemical and physical properties of food and its preparation. It includes the composition and structure of food, functional properties of ingredients, and methods to obtain desired sensory and nutritional qualities. There is a special focus on food sanitation and safety. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. Open to HRIM majors only. Preference given to UDHP FR & SO students. COREQ: HRIM 211. Meets with the regular section.
HRIM 321-080 Quantity Food Service Management *(Add-On)*
Cole, Ronald Paul
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.

HRIM 381-080 Management of Food and Beverage Operations *(Add-On)*
Cole, Ronald Paul
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.

HRIM 450-080 Managing Hospitality Information Systems *(Add-On)*
Staff
This course covers the life cycle approach to understanding hospitality industry information systems. It includes study of issues considered in the analysis, design and implementation of information systems in hospitality operations. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: HRIM187 or MISY160. Open to JR and SR HRIM majors only. Meets with the regular section.

HRIM 480-080 Human Resource Management in the Hospitality Industry *(Add-On)*
Poorani, Ali Akbar
HRIM480 involves leading human capital in the hospitality organizations. It includes 8 action learning team-based projects addressing such competencies as: fairness and inclusion at workplace; work expectations; talent management & acquisition; employee engagement; and emotional intelligence. HRIM480 employs a blended learning format to accommodate all learning styles. Included are Multimedia, Action Learning, and eLearning. In addition to all course requirements, Honors students are expected to complete an Honors project. Honors projects are field-based and require working with an actual industry-related project or research topic. Open to JR & SR majors only. Meets with the regular section.

HRIM 482-080 Law of Innkeeping *(Add-On)*
Cole, Ronald Paul
This course is an introduction to the laws relating to hotel, restaurant and institutional operations. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. Open to JR & SR HRIM majors only. Meets with the regular section.

HRIM 489-080 Hotel, Restaurant and Institutional Management Practicum II *(Add-On)*
Digregorio, Joseph / Ellingsworth, Deborah / 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.

Italian *(ITAL)*
ITAL 200-080 Italian Grammar Review *(Add-On)*
Salsini, Laura
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)**
Salsini, Laura
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 ITAL 107 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 310-080 Survey of Italian Literature (Add-On)**
Ray, Meredith
This course covers the development of Italian literature from its origins to the mid-17th century. It includes the study and discussion of representative works. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. **PREREQ:** ITAL 211 or ITAL 212. Meets with the regular section.

**ITAL 355-080 Literature and the Sea (Add-On)**
Saggese, Riccarda
This course will focus on different authors whose works have represented the sea both as a metaphorical “monster” who eats his voyagers and as a “mother” who treats the waves like children, bringing them to a safe harbor. An overview through the centuries of Italy’s most famous literary masterpieces will be presented. Emphasis will be placed particularly on the works of Dante Alighieri, Ugo Foscolo, Giovanni Verga, Salvatore Quasimodo, Leonardo Sciascia and Alessandro Baricco, all of whom have written about the dangerous fury and the infinite sweetness of the sea. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. **PREREQ:** Any ITAL 300-level course. May be repeated for credit when topics vary. Meets with the regular section.

**ITAL 401-080 Advanced Italian Grammar and Stylistics (Add-On)**
Salsini, Laura
In this course students will practice and apply what they have learned in previous classes, as well as broaden their vocabulary through different kinds of writings (i.e.: summaries, opinion papers, narrations, feature articles, descriptions, Wikis, etc.), projects and class participation. We’ll also read some wonderful texts to use as a basis for our class discussions and writing projects. Please contact the instructor for the specific Honors components and the grading rubric of the Honors work. **PREREQ:** Any two 300-level Italian courses. Meets with the regular section.

**Japanese (JAPN)**

**JAPN 200-080 Japanese Grammar & Composition (Add-On)**
Sato, Mutsuko
This course is a further study of Japanese grammar, kanji characters and reading and writing skills for communication. Emphasis on grammar, Kanji and essay writing. Honors students will develop projects of their interest under the supervision of the instructor. The goal of developing their own unique projects is to enrich the students’ academic and personal experiences of learning Japanese and the culture. **PREREQ:** JAPN 107. Meets with the regular section.
JAPN 201-080 Advanced Intermediate Japanese I (Add-On)
Inoue, Chika
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 301-080 Advanced Japanese Grammar (Add-On)
Sato, Mutsuko
This is a course designed for students who want to achieve a higher level of fluency. The goal is a more natural and native-like use of the language, both in written and oral forms. New grammatical forms, idiomatic and set phrases, Kanji, and vocabulary are introduced. Topics include Japanese geography, technology, foods, pop culture, and education system. 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: JAPN305, JAPN355, JAPN306. Meets with regular section.

JAPN 455-080 Selected Authors, Works and Themes (Add-On)
Hutchinson, Rachael
This course builds on work the students have done at the 300-level, but is focused on reading real Japanese rather than working from a textbook. Students will practice skills such as reading and translation using a combination of magazine and news article. 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 345-080 Modern Israel: History & Culture (Add-On)
Gutman, Eynat
Cross-listed with FLLT 345-080. Meets with the regular section.

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 207, BISC 208, CHEM 103, CHEM 104. Open to KAAP majors only. Meets with the regular section.

KAAP 350-080 Basic Concepts in Kinesiology (Add-On)
Caccese, Jaclyn
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 3R 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 420-080 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 athletic training majors and to Honors Program majors in exercise science 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 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 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)
Provost, Michelle
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. PREREQ: KAAP 430. Meets with the regular section.

Latin (LATN)
LATN 201-080 Intermediate Latin Prose (Add-On)
Laird, Margaret
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.

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
Program LEAD majors only. Meets with the regular section.

LEAD 200-080 The Leadership Challenge (Add-On)
Middlebrooks, Anthony
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)
Stein, Karen
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. *No prerequisites for Honors students. 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 UDHP 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.

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

**Marine Studies (MAST)**  
**MAST 200-080 The Oceans (Add-On)**  
Thoroughgood, C.  
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.**

**MAST 314-080 Comparative Terrestrial/Marine Ecology (Add-On)**  
Mason, Charles / York, Joanna  
*Cross-listed with ENWC 314-080. Meets with the regular section.*
Mathematics (MATH)

MATH 242-081, 081D, 081L Analytic Geometry and Calculus B (Free-Standing)
Bacuta, Cristina
This course includes a review of exponential and logarithmic functions; inverse trigonometric functions; integration techniques; parametric curves; polar coordinates; infinite series. It includes the use of the computer package, Maple, to perform symbolic, numerical and graphical analysis. Open to incoming first-year UDHP students only. Note: credit cannot be given for both MATH 242 and MATH 222. Enrollment in this course is determined by score on the Honors Calculus Placement Test. Must also enroll in one of the separate lab sections: MATH 242-082 or MATH 242-083.

MATH 243-080, 080D, 080L Analytic Geometry & Calculus C (Free-Standing)
Leung, Yuk J
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 UDHP 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 460-080 Intro to Systems Biology (Add-On)
Dhurjati, Prasad
This course covers a systems biology approach, mathematical modeling of biological systems; examples from biomedical and agricultural research areas, biotechnology, industrial processes, and others. It includes discussion of differential equations, stochastic, feedback and control, or network models. Hands-on work via PBL modules. The Honors component includes projects and homework of a more substantial nature, plus a possible extra course meeting or two to discuss them. PREREQ: One of BISC 302, 305, 306, 401 or 403. Cross-listed with CHEG 460-080. Meets with the regular section.

MATH 512-080 Contemporary Application of Math (Add-On)
Rossi, Lou
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 UDHP 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.

Mechanical Engineering (MEEG)

MEEG 215-080 and 080 Mechanics of Solids (Add-On)
Lu, Xin Lucas
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)**
Buchanan, Thomas
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 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 UDHP MEEG majors only.** **COREQ:** MATH 351. Meets with the regular section.

**Medical Laboratory Sciences (MEDT)**
**MEDT 398-080 Body Fluid Analysis (Add-On)**
McLane, Mary Ann
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 website clinical cases. **This is a 1 credit course.** **PREREQ:** BISC208 and CHEM104. Meets with the regular section for lecture; separate Honors discussion.

**MEDT 430-080 Diagnostic Bacteriology and Medical Mycology (Add-On)**
Parent, Michelle
This course covers the practice of diagnostic bacteriology by emphasizing the correlation of in vitro and in vivo findings in the diagnosis and treatment of infectious disease, including human mycoses. Identification of pathogenic and nonpathogenic bacteria and fungi in clinical specimens will be studied. The role of molecular testing in the clinical laboratory is becoming the "gold standard" for diagnosis of many infectious diseases of public health concern. Honors students will investigate molecular methods currently used to evaluate microbiological diseases, agents of bioterrorism, mechanisms of antimicrobial resistance among infectious microorganisms, and epidemiological studies. The student will take the knowledge gained in lecture, discussion groups, and his or her individual research and integrate it into two different presentation formats, a lay presentation and a peer presentation. **PREREQ:** MEDT360 or MEDT380, and MEDT406. Meets with the regular section.

**Management Information Systems (MISY)**
Wright, Diane
This is an introductory course that covers concepts, technology, and practical experience with current business information systems. During the semester we will study the workings of computers and their peripherals, software, systems development, and systems within an organization. Heavy emphasis will be placed on computer exercises that involve spreadsheets, databases and personal web pages. For more information visit the website http://www.udel.edu/monke. Emphasis will be placed on current issues in information systems and information technology, with students contributing to weekly discussions. Additional content such as hands-on work with an enterprise system will be included. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. **Open to Honors Program students whose majors require the course.**
**Music (MUSC)**

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

Stevens, Daniel/Gentry, Philip/Duker, Phil

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 UDHP 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: Consent of instructor and a minimum grade of C- in MUSC 211. 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. Preference given to UDHP NSCI and PSYC majors only. Some seats reserved for incoming first year Honors Program majors.

**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 Program students.**

**NTDT 400-080 Macronutrients (Add-On)**

Kuczmarski, Marie

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)**

Fang, Cheng-Shun

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)
Lennon-Edwards, Shannon
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)
Staff
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 235-080 Health, Vulnerability & Diversity (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: NURS 110. Open to UDHP NURS majors only. Meets with the regular section.

NURS 354-080 Psychosocial Nursing (Add-On)
Staff
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: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Open to UDHP NURS majors only. Meets with the regular section.

NURS 356-080 Care of Children and Families (Add-On)
Staff
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: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Meets with the regular section.

NURS 382-080 Communities and Health Policies (Add-On)
Staff
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: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Open to UDHP NURS majors only. Meets with the regular section.
**Philosophy (PHIL)**

**PHIL 202-080 Contemporary Moral Problems (Free-Standing)**

Hanley, Richard M

An introduction to applied ethics, the area of philosophy that uses reason and theory to examine pressing ethical problems in our everyday lives, concerning abortion, embryonic stem cell research, cloning, capital punishment, the treatment of animals, euthanasia and triage, warfare, the environment, drugs, drugs in sport, sex, affirmative action, gay marriage, and our obligations to those in need. Open to Honors Program FR & SO only. Most seats reserved for incoming first-year Honors Program students.

**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.

**Physics (PHYS)**

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

Shay, Michael

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.

**PHYS 267-080 Science and Technology for a Better World (Add-On)**

Mohun, Arwen / Shah, Ismat

How can science and technology be used to make a better world for everyone? What are the lessons we can learn from past successes and failures? What are the guiding principles for current and future work? What kinds of research are
currently happening on campus that addresses these concerns? In this one-unit course, scientists, engineers, philosophers and historians from across campus will share their insights on these important questions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors course. Cross-listed with ENEP 267-080 and HIST 267-080. Meets with the regular section.

**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 Lynn
This course is meant to acquaint students with the theories, concepts, processes, and issues of global politics. This class is built upon interactive lectures and an online computer simulation. You will learn about the continuum of theoretical traditions and analytical approaches such as realism and liberalism at one end to constructivism and feminism at the other. We will also explore core concepts and issues 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 today. *Open to incoming first-year UDHP POSC and IR majors only.*

**POSC 409-080 Transatlantic Politics** *(Free-Standing)*
Miller, Mark
This course covers contemporary challenges to the transatlantic partnership starting with the debate between Bacevich and Kagan on the future of US power and its relationship with Europe. Other themes include the evolution of the EU and especially its relationship with MENA states including the Turkish Republic. Other themes include anti-Americanism and anti-Semitism and the evolution of the EU-Israel-US relationship. International migration will figure importantly in all of this. *RESTRICTIONS: May be taken twice for credit when topics vary. Preference given to UDHP IR and POSC majors.*

**Psychology (PSYC)**

**PSYC 100-080 General Psychology** *(Free-Standing)*
Medina, Jared
How do we study something as fascinating and complicated as the mind? And what can we learn about ourselves via psychological enquiry? This course is an overview of psychology, covering topics such as the brain, behavior, cognition, social relationships, personality, and psychopathology. Furthermore, this course focuses on how the scientific method is used to provide us with a better understanding of the mind. *Most seats reserved for incoming first-year majors.*
PSYC 100-081 General Psychology (Free-Standing)
Quinn, Paul
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. Most seats reserved for incoming first-year majors.

PSYC 415-080 History and Systems of Psychology (Free-Standing)
Ackerman, Brian
This course describes the historical development of cultural and psychological concepts that frame understanding of group and individual differences. PREREQ: C- or better in PSYC100 or NSCI100. This course will satisfy the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation.

Russian (RUSS)
RUSS 305-080 Russian Conversation and Composition (Add-On)
Staff
This course includes discussion of current cultural, social and political topics in Russia and the former republics. Topics include vocabulary building, grammar exercises and frequent compositions. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: Any 200-level course conducted in Russian. Meets with the regular section.

RUSS 401-080 Advanced Russian Grammar and Composition (Add-On)
Hulings, Julia
Improve your knowledge and understanding of Russian through the examination of key aspects of contemporary culture and society such as education, politics, ecology, and the Russian perception of Americans. Authentic readings from contemporary sources and related listening, speaking, and writing activities will help you to develop and express your own opinions in clear, colloquial standard Russian. Each topic is accompanied by advanced exercises in Russian grammar, syntax, and word usage, with detailed attention paid to participial constructions, gerunds, verbs of motion, aspect, word order and exceptions to rules. Special emphasis will be given to Russian word formation as essential to vocabulary building. This course will answer many of your unanswered questions about Russian; no stone will be left unturned! Honors students will explore additional a cultural topic they themselves will help choose, according to their personal interests. An additional 3-5 page writing project will also be undertaken; topic to be determined with professor. Meets with the regular section.

Sociology (SOCI)
SOCI 201-080 Introduction to Sociology (Free-Standing)
Perez, Victor W.
The practice of sociology is best described as a dynamic perspective used to study social interaction and social behavior, and their relationship to social institutions. In this course, you will develop the sociological perspective that provides an innovative way of understanding the social 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 examine how commodification, McDonaldization, and medicalization have changed social experience in modern society. Through a variety of class exercises, you will cultivate the sociological imagination and its power to study human interaction and by the end of the semester be better able to critically evaluate and insightfully participate in society. Open to Honors Program FR & SO only. Most seats reserved for incoming first-year Honors Program students.
Spanish (SPAN)
SPAN 200-080 Spanish Composition & Grammar (Free-Standing)
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. PREREQ: SPAN 107 or SPAN 112.

SPAN 201-085 Spanish Reading & Composition (Free-Standing)
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 205-083 Spanish Conversation (Add-On)
Brown, Joan
This course is designed to build mastery of practical spoken Spanish in its cultural context. The language will be used strategically – to accomplish objectives and resolve conflicts – in realistic situations. Linguistic and cultural topics include travel, health, geography, education, social interactions, cuisine, sports, housing, family life, entertainment, technology, and business. An array of methodologies is used to build oral competence in real-world situations. Course components include role-playing activities, vocabulary expansion, cultural readings, films and other non-print media, oral reports, Internet research, listening activities, pronunciation practice, grammar repair and review, short compositions, and an individual final project. The Honors section features additional proficiency activities inside and outside the classroom. PREREQ: SPAN 107, SPAN 112, SPAN 200 or SPAN 201. A minimum grade of B is required in SPAN 107 or SPAN 112.
Not intended for native speakers of Spanish. Students may not receive credit for both SPAN 205 and SPAN 206. Meets with the regular section.

SPAN 300-080, 081, 082 Advanced Spanish Grammar and Composition I (Add-On)
Hendrix, Stacey/Saad Maura, Asima
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 video 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)
Saad Maura, Asima
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)
Ilarregui, Gladys
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 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 325-080 Spanish Civilization and Culture (Add-On)
Esteban, Angel
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, 081 Latin American Civilization and Culture (Add-On)
Penix-Tadsen, Phillip
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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. 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, 082 Advanced Composition and Grammar (Add-On)
Saad Maura, Asima
SPAN 401 NO es un repaso sistemático de la gramática española. Este es el propósito de SPAN 200 y SPAN 300. En SPAN 401 vas a practicar y aplicar lo que has aprendido en las clases anteriores y ensanchar tu vocabulario, a través de redacciones y tu participación en clase. Además tendrás la oportunidad de estudiar y practicar más a fondo las estructuras que tradicionalmente les causan problemas a los estudiantes, por ejemplo el subjuntivo, la concordancia de tiempos, el uso de los tiempos del pasado, el uso de preposiciones y pronombres (entre ellos los reflexivos), y otras. Si te inscribiste en la sección de honores, tienes que participar en una tertulia con estudiantes hispanohablantes del ELI una vez a la semana. Vamos a discutir el día y la hora en los primeros días de clase. No hay ninguna nota para esta actividad. Si participas activa y regularmente en la tertulia, tu dominio del español y soltura van a mejorar, lo que se reflejará en tu nota. PREREQ: One 300-level Spanish course. Meets with the regular section.

SPAN 460-080 Topics: The Nations of Spain: From Andalucía to el País Vasco (Freestanding)
Brown, Joan
This seminar explores contemporary literature of Spain across regions. From sun-baked Andalusian towns to the vibrant city of Barcelona to mist-shrouded Galician estates to timeless villages in the Basque countryside, we will experience Spanish life in many different settings. These are regions that lay claim to independent status as nations. All readings will be in Castilian (what we usually call “Spanish”); some are expert translations from Catalan, Galician and Basque. Titles span a range of genres: drama, short story and the novel. The overarching goal of this course is to take a literary journey through Spain, reading a few select works with care and focusing on individual responses. Through intensive practice, each student will build his or her critical skills and language abilities. Course meets with an MA-level graduate section.

SPAN 490-080 Seminar: Historical Fictions
Guardioloa-Griffiths, Cristina
This is an intensive seminar conducted in Spanish and devoted to the study of a selected aspect of transatlantic Hispanic literature over time. Synthesize prior literary and cultural studies in Spanish through immersion in an area that integrates and expands student's existing knowledge. Emphasizes independent research and critical writing. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: One of SPAN 301, 302, 303, 304, 355 or 370 and one SPAN 400-level course. Open to senior 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.

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. Most seats reserved for incoming first-year Honors Program students.

Urban Affairs and Public Policy (UAPP)
UAPP 110-080 Changing the World: The Role of Public Policy (Add-On)
Knight, Erin
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 Program majors. Meets with the regular section.

UAPP 225-080 Crafting Public Policy (Add-On)
Trainor, Joseph
The course provides a view of how the processes of public policy operate from agenda setting through formulation and legitimation, to implementation and eventual evaluation with examples drawn from several areas of policy (e.g., health, education, and environment). The focus will be primarily on domestic public policy. The Honors section of this course will emphasize analysis and use of the policy process model in research. In particular, these students will have greater exposure to related theoretical models associated with the policy process and to empirical research based on those models. Additional work will include: a written assignment describing a particular theoretical tradition, a written assignment reflecting on policy research related to the students’ area of interest, and the analysis of public policy presentations on campus using these concepts. Open to Honors UAPP majors only. Meets with the regular section.

UAPP 325-080 Public Policy Analysis (Add-On)
Justice, Jonathan
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.
### 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.

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(Must be taken for no less than 3 credits.)

**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.
- 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.