



# Honors Course Booklet

## Fall 2019

Honors Program • 186 S. College Ave. • Newark, DE 19716  
302-831-1195 • [honorsprogram@udel.edu](mailto:honorsprogram@udel.edu)

## Table of Contents

<a href="#"><u>Honors Degree Tutorial</u></a> .....	3
<a href="#"><u>Approved Capstone/Seminar Courses</u></a> .....	60

### Departmental Courses

<a href="#"><u>Accounting (ACCT)</u></a> .....	4	<a href="#"><u>Human Development &amp; Family Studies (HDFS)</u></a> ...	30
<a href="#"><u>Animal &amp; Food Science (ANFS)</u></a> .....	4	<a href="#"><u>History (HIST)</u></a> .....	31
<a href="#"><u>Anthropology (ANTH)</u></a> .....	5	<a href="#"><u>Hospitality, Business Management (HOSP)</u></a> .....	34
<a href="#"><u>Arabic (ARAB)</u></a> .....	6	<a href="#"><u>Italian (ITAL)</u></a> .....	36
<a href="#"><u>Art Conservation (ARTC)</u></a> .....	6	<a href="#"><u>Japanese (JAPN)</u></a> .....	37
<a href="#"><u>Art History (ARTH)</u></a> .....	7	<a href="#"><u>Jewish Studies (JWST)</u></a> .....	37
<a href="#"><u>Behavioral Health and Nutrition (BHAN)</u></a> .....	8	<a href="#"><u>Kinesiology and Applied Physiology (KAAP)</u></a> .....	38
<a href="#"><u>Biological Sciences (BISC)</u></a> .....	8	<a href="#"><u>Landscape &amp; Architecture (LARC)</u></a> .....	40
<a href="#"><u>Biomedical Engineering (BMEG)</u></a> .....	9	<a href="#"><u>Latin (LATN)</u></a> .....	40
<a href="#"><u>Business Administration (BUAD)</u></a> .....	10	<a href="#"><u>Leadership (LEAD)</u></a> .....	40
<a href="#"><u>Cognitive Science (CGSC)</u></a> .....	11	<a href="#"><u>Legal Studies (LEST)</u></a> .....	42
<a href="#"><u>Chemical &amp; Biomolecular Engineering (CHEG)</u></a> .....	12	<a href="#"><u>Linguistics (LING)</u></a> .....	42
<a href="#"><u>Chemistry &amp; Biochemistry (CHEM)</u></a> .....	13	<a href="#"><u>Languages, Literatures and Cultures (LLCU)</u></a> .....	42
<a href="#"><u>Chinese (CHIN)</u></a> .....	14	<a href="#"><u>Marine Studies (MAST)</u></a> .....	44
<a href="#"><u>Civil &amp; Environmental Engineering (CIEG)</u></a> .....	15	<a href="#"><u>Mathematics (MATH)</u></a> .....	44
<a href="#"><u>Computer &amp; Information Sciences (CISC)</u></a> .....	16	<a href="#"><u>Mechanical Engineering (MEEG)</u></a> .....	45
<a href="#"><u>Communication (COMM)</u></a> .....	16	<a href="#"><u>Management Info. Systems (MISY)</u></a> .....	46
<a href="#"><u>Computer &amp; Electrical Engineering (CEEG)</u></a> .....	17	<a href="#"><u>Medical &amp; Molecular Sciences (MMSC)</u></a> .....	46
<a href="#"><u>Criminal Justice (CRJU)</u></a> .....	17	<a href="#"><u>Music (MUSC)</u></a> .....	47
<a href="#"><u>Economics (ECON)</u></a> .....	18	<a href="#"><u>Neuroscience (NSCI)</u></a> .....	48
<a href="#"><u>Education (EDUC)</u></a> .....	19	<a href="#"><u>Nutrition &amp; Dietetics (NTDT)</u></a> .....	48
<a href="#"><u>Electrical Engineering (ELEG)</u></a> .....	20	<a href="#"><u>Nursing (NURS)</u></a> .....	49
<a href="#"><u>Energy and Environmental Policy (ENEP)</u></a> .....	20	<a href="#"><u>Philosophy (PHIL)</u></a> .....	50
<a href="#"><u>English (ENGL)</u></a> .....	21	<a href="#"><u>Physics &amp; Astronomy (PHYS)</u></a> .....	51
<a href="#"><u>Environmental Science (ENSC)</u></a> .....	23	<a href="#"><u>Plant &amp; Soil Sciences (PLSC)</u></a> .....	52
<a href="#"><u>Entrepreneurship (ENTR)</u></a> .....	23	<a href="#"><u>Political Science (POSC)</u></a> .....	52
<a href="#"><u>Entomology &amp; Wildlife Conservation (ENWC)</u></a> .....	24	<a href="#"><u>Psychology (PSYC)</u></a> .....	53
<a href="#"><u>Fashion (FASH)</u></a> .....	24	<a href="#"><u>Russian (RUSS)</u></a> .....	53
<a href="#"><u>Finance (FINC)</u></a> .....	26	<a href="#"><u>Sociology (SOCI)</u></a> .....	54
<a href="#"><u>French (FREN)</u></a> .....	27	<a href="#"><u>Spanish (SPAN)</u></a> .....	54
<a href="#"><u>Geology (GEOL)</u></a> .....	28	<a href="#"><u>Urban Affairs and Public Policy (UAPP)</u></a> .....	58
<a href="#"><u>Greek (GREK)</u></a> .....	29	<a href="#"><u>Women and Gender Studies (WOMS)</u></a> .....	59
<a href="#"><u>German (GRMN)</u></a> .....	29		

## Honors Degree Tutorial

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

### **UNIV 490-080 Honors Tutorial: Books that Blow Your Mind** (*Free-Standing*)

Fox, Alan

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

## Departmental Courses

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

### **Accounting (ACCT)**

#### **ACCT 207-080 Accounting I (Free-Standing)**

Paretta, Robert

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

#### **ACCT 425-080 & 081 Strategic Information Systems and Accounting (Add-On)**

Basoglu, Kamile

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. *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. RESTRICTIONS: Open to Junior & Senior ACCT majors only.*

### **Animal and Food Science (ANFS)**

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

Gressley, Tanya

This course involves an in-depth look each week at specific disciplines discussed in ANFS 111. Food animals are used as a model to focus on the science underlying management practices related to nutrition, genetics, health and behavior. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section and for a weekly Honors-only discussion. RESTRICTIONS: Offered in Fall only. Open to incoming ANFS majors only.*

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

Kniel, Kalmia

This course is a critical review of historical and contemporary foodborne and waterborne outbreaks of microbial 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. 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 Jr., 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 240. Meets with the regular section.*

**ANFS 350-080 Animal Behavior (Add-On)**

Renzetti, Annie

This course is an introduction to animal behavior and how it relates to animal management, production, and welfare. This course covers a broad range of animal behaviors and their scientific basis. Honors students will complete a 10 hour observational study of an animal species of their choosing. This study can be conducted on a UD agricultural animal species (horse, cow, or sheep) or a species at a zoo via webcam. This project has multiple components and is completed by writing a scientific paper explaining the study, the results and conclusions. *PREREQ: ANFS 101 or BISC 205 or BISC 208. Meets with the regular section.*

**ANFS 418-080/080L Swine Production (Add-On)**

Griffiths, Lesa

This course explores the principles of modern swine production: nutrition, reproduction, housing, health and management. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ANFS 101 or ANFS 251. Meets with the regular section.*

*RESTRICTIONS: Laboratory requires some out-of-class time for hands-on experience in animal production. Open to Senior ANFS majors only.*

**ANFS 421-080 Poultry Production (Add-On)**

Alphin Jr., Robert

This course involves the application of the fundamental principles of incubation, feeding, brooding, growing, disease control, processing and marketing as applied to broilers, heavy breeders and commercial egg producers. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ANFS 101 or permission of instructor. Meets with the regular section.*

*RESTRICTIONS: In order to obtain DLE credit student must also successfully complete ANFS 422 (Poultry lab, 1 credit). Requires additional hands-on experience outside of class.*

**Anthropology (ANTH)**

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

Rocek, Thomas

This course explores the fossil and archaeological record of human biological and cultural evolution with an emphasis on how archaeological and biological anthropological research are conducted, and how their treatment of data distinguish them as scientific disciplines. Honors students explore topics in greater depth beyond the regular section with regular meetings with the professor, additional readings, and a series of projects culminating with trying their hands at making stone tools. *Meets with the regular section.*

*RESTRICTIONS: Neither ANTH major credit nor degree credit for ANTH 102 or ANTH 103 will be granted if ANTH 104 is taken.*

### **ANTH 202-080 Genes, Bones and Human Evolution (Add-On)**

Rosenberg, Karen

This course involves a survey of the human fossil record from the origin of the human species to the establishment of agriculture. It includes evolutionary theory, anatomical interpretation and reconstruction of early social behavior. Honors students will have opportunities for hands-on experiences with fossil cast and skeletal material in the biological anthropology laboratory. We will have an opportunity for discussion of current controversial issues in paleoanthropology with the evidence that will allow us to evaluate these hypotheses with data. *Meets with the regular section.*

### **ANTH 404-080 Human Osteology (Add-On)**

Rosenberg, Karen

This course involves the identification of the human skeleton, including complex and fragmentary materials. It includes basic bone growth, bone pathology, paleopathology and forensic identification. Honors students will read, discuss and reflect on scholarly articles in bioarchaeology. We will work directly with bioarchaeological data from real sites to observe and experience how the scientific process works in this discipline. *Meets with the regular section. RESTRICTIONS: Requires the permission of the instructor.*

### **Arab (ARAB)**

#### **ARAB 200-080 Advanced Intermediate Arabic (Add-On)**

Masmoudi, Ikram

This course is A continuation of ARAB 107. Emphasis is on reading and viewing authentic materials from Arab media, in order to improve reading, writing and listening skills and to increase knowledge of Arab culture. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ARAB 107. Meets with the regular section.*

#### **ARAB 201-080 Arabic Grammar and Composition (Add-On)**

Masmoudi, Ikram

This course focuses on increasing knowledge of Arabic Grammatical system and improving writing skills with an emphasis on grammar. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ARAB 107. Meets with the regular section.*

#### **ARAB 205-080 Arabic Conversation (Add-On)**

Masmoudi, Ikram

This course focuses on improving oral communication skills through the discussion of various topics related to modern, social and cultural life in the Arab World. It includes grammar review and writing practice. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ARAB 200. Meets with the regular section.*

### **Art Conservation (ARTC)**

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

Di Giacomo Caporale, Mariana

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. *Meets with the regular section. RESTRICTIONS: Requires permission from the instructor.*

### **ARTC 495-080 Preservation Capstone (Add-On)**

Hagerman, Madeline

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 with the regular section.*

### **Art History (ARTH)**

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

Gallant, Denva

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

#### **ARTH 201-080 Introduction to Museums (Add-On)**

Van Horn, Jennifer

This course provides an introduction to the history, operations and future of museums, historic sites, archives and related cultural organizations. It examines collecting and collection management, conservation of collections, exhibition development, public programs and museum education, and digital outreach. Museum careers and volunteer engagement are explored. Honors students have additional readings and assignments designed to deepen their understanding of museums. For one lesson, students analyze a museum exhibit, write a brief review, and meet with the professor to discuss their findings. For another assignment, students evaluate two articles from the professional literature that connects with their museum interests. *Meets with the regular section.*

#### **ARTH 222-080 Baroque Art (Add-On)**

Stone, David

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

#### **ARTH 231-080 Twentieth-Century American Art (Add-On)**

Hill, Jason

This course focuses on the twentieth-century arts of the United States, studied within transnational and global contexts. It will survey issues including the rise of modernism and postmodernism; cultural nationalism and the "usable past"; Abstract Expressionism, Pop, Minimalism, Conceptual Art, performance art, environmental art, and activist art. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **ARTH 236-080 Arts of the Islamic World (Add-On)**

Muravchick, Rose

This course explores the formation and diffusion of a distinctive artistic tradition from the eighth to the sixteenth century. It will consider architecture, painting, metalwork and other media, especially in the Mediterranean world and western Asia. Honors students will explore broader contemporary issues around the presentation and interpretation of medieval Islamic art objects in museums and the media by creating written summaries of the scholarly literature on specific sites and events. They will present their findings to their classmates and lead class discussions on their assigned topics over the course of the semester. These assignments and discussions will compliment the other assignments in the course by placing objects and monuments in a richer contemporary context. *Meets with the regular section.*

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

Bellion, Wendy

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. This 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. *Meets with the regular section. RESTRICTIONS: Open to Junior and Senior ARTH majors only.*

## **Behavioral Health and Nutrition (BHAN)**

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

Killingsworth, Richard

This course explores issues surrounding health behavior science, with an emphasis on the role of the professional in promoting individual and community behavior change. Honors students have an additional assignment designed to enhance their abilities to discern and analyze a health issue. Specifically, students will research a health issue and determine how it is covered in the media, with particular attention to bias, fake news, and scientific support. They will meet with the professor to present their findings. *PREREQ: BHAN 155. Meets with the regular section.*

### **BHAN 490-080 Development of Health Promotion Programs (Add-On)**

Patterson, Freda

Guided by models of program planning, this course develops the knowledge and skills necessary to plan, implement, and evaluate health promotion programs in the community setting. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BHAN 334 recommended, can also take it concurrently with BHAN 490. Meets with the regular section. RESTRICTIONS: Open to HLBH majors and students in the public health minor only.*

## **Biology (BISC)**

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

Olabisi, Oyenike

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. *COREQ: CHEM 103 or CHEM 107 or CHEM 111. Non-majors may take only one of BISC103, BISC104 or BISC207 to fulfill the group D requirement in the College of*

*Arts and Sciences. If interested in enrollment as an upperclass student, please email [honorsprogram@udel.edu](mailto:honorsprogram@udel.edu) over the summer.*

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

Hlousek-Radojicic, Alenka

The course is based on student centered active learning pedagogies that enable students to explore basic structure and function of cells, mechanisms of cell division, genetics, molecular biology and metabolism. Laboratory work is grounded in the principles of experimental design and provides opportunities for experimentation, data analysis and presentation using both written and oral formats. Guided and open inquiry lab activities enable tight collaborative work between practical and theoretical spheres of the course. *COREQ: CHEM 107. THIS IS AN INTEGRATED SECTION. Must also register for CHEM 107-084 & 084L or 085 & 085L or 086 & 086L or 087 & 087L. RESTRICTIONS: The course is offered to incoming first-year students only.*

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

Rohe, Benjamin

This course explores the principles underlying the function of organisms at the organ system level; ionic composition and regulation, respiration, circulation, nutritive metabolism, excretion and neuromuscular activity. *PREREQ: BISC 208 and two semesters of chemistry.*

**BISC 401-080 Molecular Biology of the Cell (Free-Standing)**

Lachke, Salil

This course is an introduction to the molecular biology of eucaryotes and procaryotes. Topics include structure and function of proteins and nucleic acids; replication and repair of DNA; biosynthesis of RNA and proteins; membranes, transport, composition and function of the eucaryotic cell, chromosomes, viruses, the immune system and recombinant DNA. *PREREQ: BISC 207 or BISC 205 and one semester of organic chemistry.*

**Biomedical Engineering (BMEG)**

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

Killian, Megan

This course studies mammalian cellular physiology from a quantitative viewpoint. Principles include i) cellular and molecular biology, ii) communication, integration, and homeostasis, iii) and nervous, musculoskeletal, and endocrine systems. Topics include molecular and cellular physiology, neurophysiology, musculoskeletal physiology, sensory physiology, somatic and autonomic nervous system physiology, and endocrine physiology. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BISC 207 or CHEM 103 or CHEM 107, & MATH 241. Meets with the regular section. RESTRICTIONS: Open to BMEG students; ENGG students may take it with the instructor's permission.*

**BMEG 310-080 Bioengineering Mechanics (Add-On)**

Rooney, Sarah

This course is an introduction to the statics, dynamics and mechanics of solids with application to biomedical problems. Honors students will explore deeper applications of statics and mechanics principles to biologic systems by identifying, formulating, and solving their own problems. The applications will broaden the students' perspectives on global health engineering. *PREREQ: PHYS 207 & MATH 243. Meets with the regular section.*

### **BMEG 310-080L & 081L Bioengineering Mechanics (Add-On)**

Ganji, Elahe/Naghizadehsafa, Babak

This course is an introduction to the statics, dynamics and mechanics of solids with application to biomedical problems. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: PHYS 207 & MATH 243. Meets with the regular section.*

### **BMEG 441-081 Biomechatronics (Add-On)**

Sergi, Fabrizio

This course presents methods for the design and control of electromechanical devices that interact physically with humans to improve biomechanical performance, such as prostheses and exoskeletons. Topics include technologies for sensing and actuation, fundamentals of analog and digital control, methods for the analysis of biological signals such as EMG and of biosignal-based control for human-robot interaction. This course is a mix between standard lectures, laboratory experiments and a final project. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BMEG 310 or MEEG 112 & BMEG 311, or MEEG 211 & ELEG 305 or MEEG 311. Meets with the regular section.*

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

Rooney, Sarah

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. *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. RESTRICTIONS: Open to Senior BMEG majors only.*

## **Business Administration (BUAD)**

### **BUAD 110-080 & 081 Basics of Business (Free-Standing)**

Bayuk, Julia/Moffa Jr., Lou

This course is an introduction to business for majors. The primary goals of the course are to inform students about functional areas of business and programs offered in Lerner through lectures, readings, discussions, guest speakers, hands-on activities, and projects. The course will cover topics important to college students (e.g., teamwork, time management, ethical decision making), will include the core business disciplines and majors (e.g., operations, marketing, finance, management, accounting, management information systems, hospitality), and will provide an introduction to the resources available at the University of Delaware.(e.g., student organization, advising, Career Services).

*RESTRICTIONS: Open to Honors first-year students with majors in the College of Business and Economics only.*

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

Herzenstein, Michal

This course provides students with a foundation in Marketing. Topics include management of the marketing functions, marketing research, product planning, distribution channels, pricing, personal selling, and advertising, with an emphasis on consumer and industrial markets. *RESTRICTIONS: Open to Marketing, Management, Operations Management, International Business Studies, Sport Management and Business Undeclared students. Requires Sophomore status. If issues with this course, please fill out the [Honors Course Request form](#).*

### **BUAD 306-080 Introduction to Service and Operations Management (Free-Standing)**

Murphy, Susan

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. *PREREQ: MATH 201 or STAT 200. RESTRICTIONS: Open to Marketing, Management, Operations Management, International Business Studies, Sport Management and Business Undeclared students. Requires Junior status. If issues with this course, please fill out the [Honors Course Request form](#).*

### **BUAD 350-080 Introduction to Entrepreneurship (Free-Standing)**

Gasiorowski, Laura

This course will focus on understanding the basic concepts, tools, and practices of entrepreneurship and the development of entrepreneurial skills. The entrepreneurial process (opportunity recognition, resource marshaling, and team building driven by communication, creativity, and leadership) and business planning are emphasized. *Cross-listed with ENTR 350-080.*

### **BUAD 441-080 Strategic Management (Free-Standing)**

Watson, Sharon

Strategic management is a course about the decisions top managers make that determine the future directions of the organization. Topics include identifying and evaluating a firm's strategy, analysis of a firm's competitive position within its industry, and understanding how firms create and sustain a competitive advantage. We also will study corporate diversification, merger and acquisition strategies and strategies for competing globally. The goal of the course is to provide students with the concepts and analytical tools needed to better evaluate the strategic moves top managers make to improve their firm's competitive performance. Honors students will engage in in-depth class discussions of business cases, complete projects involving a high level of teamwork, and develop and deliver professional presentations in a case competition. *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. RESTRICTIONS: Open to Senior HD candidates only. Requires Senior standing in business administration, finance or accounting. 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 (Add-On)**

Jasinska, Kaja

This course examines three approaches to the study of cognition: The mind as a special type of computer; the mind as an artificial neural network; the mind as brain. Each view is evaluated by examining its usefulness for understanding cognitive tasks (vision, memory, language, consciousness), cognitive dysfunction (autism, aphasia, etc), and artificial intelligence. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **CGSC 327-080 Race, Gender, Science (Add-On)**

Andreasen, Robin

This course focuses on issues surrounding race and gender in science as well as on scientific research on racial and gender diversity, or lack thereof, in institutional settings. We will begin by looking at local and

national diversity data and will discuss how and why institutions can benefit from diversity. We will, then, evaluate scientific research on cognitive gender differences. We will also discuss why claims about biologically based IQ differences among certain racial/ethnic groups are scientifically unfounded. This will be followed by an examination of stereotype threat and implicit bias, both of which are thought to play a role in explaining racial and gender disparities in academic and professional contexts. We will conclude with an examination of institutional policies and practices that have been developed to improve the professional and academic status of women and under-represented groups. Honors students will have additional readings and assignments, including a final paper that allows the student to bring together some of what she has learned throughout the semester. *Meets with regular section.*

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

Cushing, Jeremy

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

### **CGSC 485-080 & 081 Senior Seminar in Cognitive Science (Add-On)**

Straitman, Nina/Legault, Jennifer

This course involves an intensive interdisciplinary study of topics in linguistics & cognitive science. It allows students to synthesize what they have learned in previous coursework by bringing together divergent methodologies and applying them to topics in cognitive psychology, speech-language pathology, mind & language, science of language, and philosophical aspects of cognitive science. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section. IMPORTANT NOTE: This course fulfills the second writing requirement.*

## **Chemical & Biomolecular Engineering (CHEG)**

### **CHEG 231-080 & 081 Chemical Engineering Thermodynamics (Add-On)**

Buttrey, Douglas/Orazov, Marat

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 103-080/080D/080L & 081D/081L General Chemistry (Free-Standing)**

Compton, Shara/Herman, Johanna

CHEM 103 examines the basic principles necessary to understand the composition, properties, and reactivity of matter. The topics will include: atomic theory, chemical reactions, stoichiometry, thermochemistry, molecular structure, bonding, and states of matter. The course is designed for students majoring in the sciences and engineering; one year of high school chemistry is assumed. The course format is lecture-based with critical thinking and problem solving emphasized through class discussions and group problem solving exercises. The laboratory provides hands-on experiences to complement and reinforce the concepts discussed in class. NOTE: Enroll separately for both a lecture and a lab section.

*Open to incoming first-year Honors students only. PREREQ: one year of high school chemistry. COREQ: MATH 114 or MATH 115 or MATH 117. Students whose MATH Placement Examination score placed them in MATH 221 or higher need not take a MATH course coincident with CHEM 103. RESTRICTIONS: For majors in the physical and natural sciences, mathematics and engineering. Only one course among CHEM 101, CHEM 103, CHEM 105, CHEM 107, & CHEM 111 can count toward graduation.*

### **CHEM 107-084/084L, 085/085L, 086/086L, & 087/087L General Chemistry Life Sciences I (Free-Standing)**

Fajardo, Jacqueline/Ludwig, Brice/Antonio, Alexandra

CHEM 107 examines the basic principles necessary to understand the composition, properties, and reactivity of matter. The topics will include: atomic theory, chemical reactions, stoichiometry, thermochemistry, molecular structure, bonding, and states of matter. The course is designed for students majoring in the sciences and engineering; one year of high school chemistry is assumed. The course format is lecture-based with critical thinking and problem solving emphasized through class discussions and group problem solving exercises. The laboratory provides hands-on experiences to complement and reinforce the concepts discussed in class. NOTE: Enroll separately for both a lecture and a lab section.

*COREQ: MATH 114 or higher. MATH 115 or MATH 117 strongly recommended. RESTRICTIONS: Open to incoming first-year students only. For majors, primarily in the biological, agricultural, and health sciences, as well as biomedical engineering, whose plan of study requires both CHEM 107 and BISC 207. Only one course among CHEM 101, CHEM 103, CHEM 105, CHEM 107, & CHEM 111 may count toward graduation. Must also register for either BISC 207-084 & 084L or 085 & 085L or 086 & 086L or 087 & 087L.*

### **CHEM 111-080/080D, 081/081D, & 082/082D General Chemistry (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. *PREREQ: Minimum of one year of high school chemistry; two years strongly recommended. COREQ: CHEM 115 (for CHEM, BIOCHEM and CHEM ED majors) and MATH 117 or higher MATH course.*

*RESTRICTIONS: Open to incoming first-year students only. For biochemistry, chemistry, and chemical engineering majors.*

**CHEM 115-080 & 081L Introduction to Chemical Science** (*Free-Standing*)

Booksh, Karl

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

**CHEM 331-080 & 081D, 082D, 083D Organic Chemistry** (*Free-Standing*)

Watson, Donald/Moy, Melody

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: CHEM 104 or CHEM 108 or CHEM 112 or CHEM 120. COREQ: CHEM 333. RESTRICTIONS: For chemistry, biochemistry, chemical engineering and other majors desiring fuller treatment than in CHEM 321. CHEM 321 & CHEM 331 cannot both count toward graduation.*

**Chinese (CHIN)**

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

Yang, Haihong

This course aims at a further development of all four language skills which the students have acquired from the 100-level CHIN courses. In particular, the course emphasizes a further study of advanced Chinese grammar and basic essay writing. In this course students will not only learn authentic Chinese in terms of idiomatic usages, familiar sayings, and sophisticated grammar structure, but get to know Chinese society and culture as well. By the end of this course, students should have commanded around 250 new words and/or phrases in order to engage in a linguistically and culturally sophisticated communication in Chinese. Honors students will read one more essay and give an oral presentation on that essay. *PREREQ: CHIN 107 or instructor's permission. Meets with the regular section.*

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

Tu, Chung-Min

This course will require students to hand in a 5 page short paper on the interactive dynamics between Chinese calligraphy and other realms of Chinese culture, such as philosophy, religion, medicine and literature. Other fields of study mentioned in the professor's lectures can also be considered, such as scientific aspect of meditation, ancient Chinese inventions, etc. This short paper can also be presented in class as a short presentation. Hopefully the presentation can entail in-class discussion to deepen other students' understanding of Chinese culture. Honors students need to choose the topics and discuss them with the professor. *Meets with the regular section.*

**CHIN 355-080 Special Topics** (*Add-On*)

Yang, Haihong

This course explores an area of special interest in Chinese literature or culture studies. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two CHIN courses at the 200- level, one of which must be CHIN 200 or instructor's permission. May be repeated one time for credit. Meets with the regular section.*

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

Yang, Haihong

This course aims to improve students' reading and writing proficiency through rigorously reading and responding to literary works and essays related to the issues facing Chinese intellectuals. Students will have chance to develop their skills to accomplish abstract reasoning in addition to being able to narrate and describe. The selected essays will provide an intensive look at some of the most important social and cultural issues in modern and contemporary China. The course may have a dual-track approach, requiring the completion of both class-wide and individually designed projects. Honors students will read one more essay and give an oral presentation on that essay. *PREREQ: CHIN 350 & CHIN 355. May be repeated one time for credit. Meets with the regular section.*

## **Civil and Environmental Engineering (CIEG)**

### **CIEG 211-080 Statics (Add-On)**

Staff

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

### **CIEG 301-080/080L Structural Analysis (Add-On)**

Jayne, Allen

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. Meets with the regular section. RESTRICTIONS: Open to CIEG majors and minors only.*

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

Horse, Philip

This course will include work with off-campus faculty from engineering firms on a multi-discipline, team-based design project requiring knowledge and skills acquired in previous courses, producing a proposal for engineering services and the preliminary engineering for the project. Honors students perform a critical review, as a group, of selected course content, and they orally present a summary of the same to the course coordinator at the end of each semester. *PREREQ: CIEG 302, CIEG 321, CIEG 331, & CIEG 351 or COREQ: CIEG 337, CIEG 438, & CIEG 440. 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. RESTRICTIONS: Open to Senior CIEG majors only.*

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

Lee II, 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 three case studies with written

reports and an in class presentation on one of the cases. *Meets with the regular section.* **RESTRICTIONS:** *Open to CIEG majors and minors only.*

## **Computer and Information Science (CISC)**

**CISC 106-080/080L, 081/081L & 082/082L General Computer Science for Engineers** (*Free-Standing*)

Harvey, Terrence

This course involves the principles of computer science illustrated and applied through programming in a general-purpose language. Programming projects illustrate computational problems, styles, and issues that arise in engineering. **COREQ:** *MATH 241 or any higher level MATH course.* **RESTRICTIONS:** *Students may not receive credit for both CISC 106 & CISC 108. Open to incoming first-year EG majors only.*

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

Bart, Austin

Computer Science is a tool for solving real problems at scale, a way to express creativity, and a path to changing the world. Computing has become pervasive across almost every career path, and there's no better time to develop some skills in programming and software development. This course serves as an introduction to many of the biggest ideas in Computer Science: data representation, control flow, data flow, algorithmic design, functional decomposition, and abstraction. Projects include game creation, data science, and open-ended development. **COREQ:** *MATH 115 or MATH 117 or any higher-level math course or math placement level.* **RESTRICTIONS:** *This course requires high-school algebra but no prior programming experience. Seats reserved for incoming Honors first-year majors. Student may not receive credit for both CISC 106 & CISC 108.*

**CISC 220-080/080L Data Structures** (*Free-Standing*)

Shen, Chien-Chung

This course involves 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 CISC 210.* **COREQ:** *MATH 210 or MATH 241.*

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

Silber, Herbert

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:** *CISC 275. CISC 361 is recommended. 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.* **RESTRICTIONS:** *Open to Senior students only. Credit cannot be received for both CISC 475 & CISC 675.*

## **Communication (COMM)**

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

Mortenson, Steven

Students will see communication theories illustrated in the ongoing research projects of published scholars. Experts will visit class to speak about their research. Topics range from political communication, internet-based communication, cultivation of violence and sex-roles, persuasion, and intercultural communication. Please contact the instructor for the specific Honors components and

grading rubric for the Honors work. *Meets with the regular section for lecture; separate Honors discussion.*  
*RESTRICTIONS: Open to incoming students only.*

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

Catona, Danielle

This course involves an in-depth study of the concepts and theories relevant to interpersonal communication with a focus on dyadic interaction and relationships as created, maintained, and modified through verbal and nonverbal behavior. Along with the responsibilities of students enrolled in COMM 341-010, each student enrolled in the Honors component will generate a theory relevant to a topic area of her or his interest. *Meets with the regular section.* *RESTRICTIONS: Open to COMM and COMI majors only.*

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

Young, Dannagal

This course is “an examination of the foundations and development of theories of mass communication.” Students enrolled in the Honors section will explore mass communication theories illustrated in current events that are covered in the popular press, and in research of published scholars. Throughout the semester, students will be responsible for identifying and presenting news stories to the class that illustrate or relate to theories covered in the course. Students meet with the regular section of COMM370 and have a separate, weekly Honors discussion. *Meets with the regular section.* *RESTRICTIONS: Not open to COMI Freshmen or Sophomores.*

## **Computer Engineering (CPEG)**

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

Barakhshan, Peyman

This course is a study of CMOS VLSI devices, circuits and systems implemented in VLSI. There will be use of CAD tools for the design and simulation of VLSI. Topics include the performance and limitations of VLSI systems, low level circuit design and system design with an emphasis on digital systems. There will be a major chip design project required. The Honors component of this course is that students are asked to prepare additional materials for their design project. The design project counts as 50% of the grade in CPEG 460. *Meets with the regular section.* *RESTRICTIONS: Students should have previous knowledge of logic design and MOS transistor operation.*

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

Cotton, Charles

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

## **Criminal Justice (CRJU)**

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

Rise, Eric

This course introduces legal studies as a multidisciplinary field. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Cross-listed with LEST 301-080.* *Meets with the regular section.* *RESTRICTIONS: Open to CRJU and LEST majors and minors only.*

### **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. Meets with the regular section.*

### **Economics (ECON)**

#### **ECON 101-080, 081, & 082 Introduction to Microeconomics: Prices and Markets (Free-Standing)**

Bayley, Elizabeth/Grubb, Farley

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 critical understanding of basic economic models. *Most seats reserved for incoming first-year Honors students. COREQ: One of the following: MATH 114, MATH 115, MATH 117, MATH 221, MATH 231, MATH 232, MATH 241, MATH 242, or MATH 243 or higher. Can be either a prerequisite or a corequisite.*

#### **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 (recommended). Credit can be earned for only one among ECON 251, ECON 255, ECON 300, or ECON 301. Must earn C- or better in ECON 101 and one of the following: MATH 221, MATH 222, MATH 232, MATH 241, MATH 242, or MATH 243. RESTRICTIONS: Open to ECON majors & minors & MAEC majors only. BS majors must take ECON 301. Students who plan to earn an Honors Degree in Economics (BA or BS) must take ECON 301 Honors.*

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

Bridges, Thomas

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

### **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. Brexit, Eurozone issues, and the recent protectionist direction of U.S. trade policy are addressed as well as other contemporary issues in international economics. *PREREQ: ECON 101 & ECON 103. RESTRICTIONS: ECON 340 cannot be taken for credit after ECON 441 and/or ECON 443.*

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

Seidman, Laurence

The course analyzes the following economic policy topics: (1) How to prevent and combat recession; (2) International trade, offshoring of jobs, and immigration; (3) Policy to reduce global warming; (4) Women and men in the economy; (5) Will your generation have a higher standard of living than previous generations? To get honors credit, a student must also write a five-page term paper on one of the course topics and present the paper in a seminar to me and other students getting honors credit. *PREREQ: ECON 303 or ECON 304. Meets with the regular section.*

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

Tobacman, Jeremy

Students will read, present, and discuss recent research papers in public economics. We will focus on interpreting empirical results. Topics may include impacts of public policy in labor markets, education, crime, taxes, retirement saving, housing, consumer protection, social insurance, corruption, and political economy. Honors students will additionally design new empirical strategies for estimating impacts of public policies. *PREREQ: One of the following: ECON 251, ECON 255, ECON 300, or ECON 301 & ECON 303 or ECON 304. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Education (EDUC)**

### **EDUC 258-081 Cultural Diversity, Schooling and the Teacher** (*Add-On*)

De Novias, Janine

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

### **EDUC 310-081 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 the option of participating in a literacy-related research project or completing extra assignments. For one extra assignment, 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. *PREREQ: EDUC 210. Meets with the regular section. RESTRICTIONS: Contact academic advisor for permission.*

### **EDUC 390-081 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. *Meets with the regular section. RESTRICTIONS: Open to ETE majors only. Contact academic advisor for permission.*

### **EDUC 451-080 Educational Assessment for Classroom Teachers (Add-On)**

Archbald, Douglas

This course explores principles and methods for construction and evaluation of student learning assessments, including knowledge, understanding and skills. Methods are presented to enhance teacher inquiry into student learning while considering the strengths and limitations of each method in regard to informing teachers' judgements. This course also includes the discussion of the implications of assessment policy. *Meets with the regular section. RESTRICTIONS: Open to ETE majors only. Contact academic advisor for permission.*

## **Electrical Engineering (ELEG)**

### **ELEG 205-080/080D/080L Analog Circuits 1 (Add-On)**

Mirotznick, Mark

This course explores the following topics: laws of the electric circuit, analysis of DC and AC circuits, network equations, and network theorems. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: MATH 242 & PHYS 207. Meets with the regular section.*

### **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. Meets with the regular section. RESTRICTIONS: Open to ELEG majors only.*

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

Cotton, Charles

In this course 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)**

### **ENEP 250-080 Introduction to Energy Policy (Add-On)**

Taylor, Casey

This course introduces field of energy policy and provides a review of the role of social, economic, political, and environmental factors in shaping the energy sector. Students will survey policy, technical

and economic assessments of key energy options needed to achieve a more sustainable world and the appropriate policy mechanisms to implement these options. *Meets with the regular section.*

**ENEP 364-080 Research Internship (Add-On)**

Latham III, William

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

**ENEP 472-080 Senior Thesis (Add-On)**

Agbemabiese, Lawrence

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

**English (ENGL)**

**ENGL 217-080 Introduction to Film (Add-On)**

Feng, Peter

This course focuses on different techniques of acting, mise-en-scene, cinematography, editing, sound and color to assess how films encourage audiences to respond in the ways they do. This course might be subtitled, "How to Read Movies." We will analyze the ways movies work, learn the vocabulary used to describe movies, and develop critical skills to analyze them. Honors students will complete a portfolio of three short assignments on a movie selected in consultation with the instructor. *PREREQ: ENGL 110. Meets with the regular section.*

**ENGL 284-080 Shakespeare for Non-Majors (Add-On)**

Poole, Kristen

This course explores representative histories, comedies, and tragedies. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ENGL 110. Meets with the regular section.*

**ENGL 324-080 Shakespeare (Add-On)**

Poole, Kristen

Topics include: Representative histories, comedies, and tragedies. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ENGL 110. Meets with the regular section.*

**ENGL 365-080 Studies in Literary Genres, Types and Movements (Add-On)**

Wilson, Miranda

Particular areas or writers to be announced. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ENGL 110. Meets with the regular section. RESTRICTIONS: May be taken up to three times when topics vary.*

**ENGL 376-081 World Literature (Add-On)**

Davis, Emily

This course is an introduction to and appreciation for a broad range of literatures written in English. It encompasses both Western and non-Western literature, with some emphasis on post-Colonial literature. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ENGL 110. Meets with the regular section.*

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

Flynn, Jill

Can “Aks” be a legitimate pronunciation of “Ask”? Who says “soda,” who says “pop,” and why? What are the linguistic characteristics of African American English and Spanglish? What do studies show about men’s and women’s discourse patterns? In this course, students investigate these and many other questions regarding the English language: how it evolves; how it affects and is affected by socio-cultural, economic, political, and historical factors; and how we can use this knowledge productively when interacting with others. Specifically, students gain an understanding and appreciation of language diversity across time periods, cultures, racial/ethnic groups, geographies, and social roles.

Such understanding is essential for any aspiring professional; for example, teachers, writers, and editors need this awareness when working with people whose English is different from their own. In a project designed to help students apply this knowledge, a major course project invites students to conduct a scientific inquiry into – and make an oral presentation on – an aspect of the English language that is of particular interest to them. Other course requirements include completing homework assignments such as rhetorical analyses, co-teaching a section of class, and compiling an end-of-semester course portfolio and reflection. Honors students in the course will read and discuss an additional book or a series of articles to be determined in partnership with the instructor. Using this text or texts, they will conduct a research project that will culminate in an action plan and digital presentation to be shared with the entire class. *Meets with the regular section.*

**ENGL 480-080 American Mythologies (Add-On)**

Leitch, Thomas

This capstone course investigates the ways myths about America get into popular culture and history, examines the best ways to detect such myths, and considers what to do once you’ve exposed them. We’ll begin by identifying some of the innumerable myths that make their way into popular culture and social media and then proceed to examine myths in the news media and American history. Assignments will include a substantial essay on recent American history designed to conclude a high-school history textbook, a research symposium in which seminar members will demonstrate their most constructive suggestions about how to cope with the American mythologies that surround us all, and a reflective essay that considers the kinds of learning the format, methods, and exercises of this course have been most and least successful in encouraging. Honors students will be asked to take leadership roles in directing class discussions, devising and evaluating assignments, and designing individual components of the symposium that concludes the course. *PREREQ: ENGL 110 and six ENGL credits at the 300-level or higher or by instructor consent. 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. 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.]*

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

Bieler, Deborah

This course prepares students to design instruction that integrates all the English Language Arts, including reading, writing, speaking, listening, and viewing. The students gain instructional experience via a 45-hour practicum in their assigned student teaching classroom. In addition to regular ENGL 491

coursework, Honors students complete and share a research-based project. They meet with the instructor and the other Honors students for approximately 45 minutes for four weeks, read at least two articles or book chapters, write a response to those sources, and conduct research that will culminate in an action plan and digital presentation to share with the entire class. *PREREQ: ENGL 110. 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. RESTRICTIONS: Enrollment limited to English Education seniors.*

## **Environmental Science (ENSC)**

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

Jackson, Paul

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 ENSC 101 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. RESTRICTIONS: Open to first year ENSC & ENVR majors only.*

### **ENSC/ENVR 300-080 Earth Systems: Science and Policy (Add-On)**

Ali, Saleem

Integrative framework necessary to understand the systems approach to environmental science and its intersection with environmental policy and management. Introduction to systems theory within environmental science and its relevance to environmental policy. Honors students will participate in a public forum event around environmental policy and write an essay about their observations and conversations at the event. *Meets with the regular section. RESTRICTIONS: Open to ENSC & ENVR majors only.*

### **ENSC/ENVR 450-080 Proseminar in the Environment (Add-On)**

Rauscher, Sara

This course involves the discussion of the history and state of environmental science through the detailed exploration of a current environmental problem. This will include a survey of the research topics and methodologies in the current scientific literature related to the topic of interest. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section. RESTRICTIONS: Open to meteorology, and environmental science and studies majors only, or requires permission of instructor.*

## **Entrepreneurship (ENTR)**

### **ENTR 350-080 Introduction to Entrepreneurship (Free-Standing)**

Gasiorowski, Laura

This course will focus on understanding the basic concepts, tools, and practices of entrepreneurship and the development of entrepreneurial skills. The entrepreneurial process (opportunity recognition, resource marshaling, and team building driven by communication, creativity, and leadership) and business planning are emphasized. *Cross-listed with BUAD 350-080.*

## **Entomology & Wildlife Conservation (ENWC)**

### **ENWC 201-081 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 the general public about wildlife and conservation is critical to maintaining long-term biodiversity on our planet. In the Honors section students will develop an educational campaign using social media or similar techniques to draw attention to a prominent issue. *Meets with the regular section for lecture; separate Honors discussion times to be arranged. RESTRICTIONS: Should precede BISC 302. Some seats reserved for first-year incoming first year ENWC majors.*

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

Delaney, Deborah

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

## **Fashion (FASH)**

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

Kim, Nokyeon

This course is an introduction to apparel product development, apparel garment analysis, basic textiles, and sewing methods. Concepts include the product development calendar and the tech pack, sizing and fit, costing, and the overview of production and technology used in apparel product development. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **FASH 210-080 Seminar: Fashion Sustainability (Add-On)**

Smith, Cheyenne

This course is an introduction to the emerging cannon of theory and practice regarding Sustainability as it relates to fashion. This course is centered on four components of Sustainability and Social Responsibility: Labor, Environment, Consumption and Body Image. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **FASH 213-080 Cultural Expressions (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. *Meets with the regular section.*

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

Ciotti, Karen

This course is an overview of the fashion business by examining the fundamental concepts and strategies related to merchandising and retailing of fashion and apparel products. Current practices and trends in the fashion industry are examined. Honors students have additional assignments designed to deepen their understanding of Fashion. For one lesson, students analyze fashion in business 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. *Meets with the regular section.*

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

Kim, Nokyeon

This course covers the fundamental concepts related to yarns, fabric, structures, coloration and finishes. Emphasis is placed upon structural properties as they related to end-use characteristics and finishing processes. We will discuss environmental problems related to textile production, dyeing and finishing. Please contact the professor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FASH 215. Meets with the regular section. RESTRICTIONS: Open to FASH & APD majors only.*

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

Roelse, Katya

This course is an introduction to trend research, analysis, and translation to original textile and apparel collections targeting varied consumer markets. Topics include advanced computer graphics for the fashion industry, emphasizing concept development (textiles, apparel, sustainable design, etc.) visualization, and design presentation. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FASH 220 & FASH 233. Meets with the regular section.*

**FASH 367-080 & 081L Seminar (Add-On)**

Cao, Hauntian/DuBreuil, Mikayla

Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with regular section.*

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

Shaffer, Brenda

This course is a continuation of FASH 330. A merchandise budget developed in FASH 330 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: FASH 330. Meets with the regular section.*

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

Lu, Sheng

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

*PREREQ: ECON 100 or ECON 101 or ECON 103. Meets with the regular section.*

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

Roelse, Katya

This course is a discipline-centered course designed to integrate previous knowledge and skills developed across the apparel design curriculum, including course content in art and design concepts, social responsibility/sustainability, fashion forecasting, computer graphics and visual presentations, pattern design methods, apparel construction processes, an understanding of textile properties, target market analysis, etc. The focus of the course is original design research. Honors students apply a design problem solving process to complete a collection of thematically related garments for a given theme. Additionally, Honors students write a paper detailing their design problem solving process which is shared during an oral presentation to the class. *PREREQ: FASH 220, FASH 324, & FASH 333. 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. RESTRICTIONS: Open to APD Seniors only.*

### **FASH 490-080 Strategic Fashion Management (Add-On)**

Ciotti, Karen

This is a capstone course that integrates product planning and development, distribution, marketing, sourcing, and sustainability. Students will work on case studies and industry projects that require analysis, synthesis and application of knowledge and skills within the global apparel industry. Honors students have additional assignments designed to deepen their understanding of Fashion. For one lesson, students will analyze fashion and technology. For another assignment, students evaluate industry trends in fashion pertaining to business. *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. RESTRICTIONS: Open to Seniors only.*

## **Finance (FINC)**

### **FINC 312-080 Intermediate Financial Management (Add-On)**

Varma, Raj

This course focuses on the role of the corporate financial manager in shareholder wealth maximization and enhances the understanding of material covered in FINC311 through the application of analytical methods, cases and the effective use of information technology in a contemporary financial environment. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: MATH 201 & MATH 202 or MISY 262 & FINC 311 with a minimum grade of C-. Meets with the regular section. RESTRICTIONS: Open to Junior and Senior FINC majors and MISY majors with Finance concentrations only.*

### **FINC 413-080 Advanced Corporate Finance (Add-On)**

Stocker, Jay

This capstone seminar course studies three different intersections of topics in global corporate finance: the intersections of a) currency and interest rate risk management, b) capital raising and securities market trading, and c) strategy and international financial management. Reports, exercises, cases, discussions, presentations, and analysis of financial news are emphasized. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FINC 311, FINC 312, & FINC 314. Meets with the regular section. RESTRICTIONS: Open to Junior and Senior FINC majors and MISY majors with Finance concentrations only.*

### **FINC 416-080 Derivative Securities and Risk Management (Add-On)**

Coughenour, Jay

This course examines the trading, valuation and theory of pricing futures and forward contracts, options, swaps and other derivative securities. Emphasis is placed on the use of derivatives for hedging and risk management. Please contact the instructor for the specific Honors components and the grading rubric

for the Honors work. *PREREQ: FINC 314 & MATH 230. Meets with the regular section. RESTRICTIONS: Open to Junior and Senior FINC majors and MISY majors with Finance concentrations only.*

**FINC 418-080 Seminar in Corporate Governance (Add-On)**

Elson, Charles

This course examines current issues in corporate governance. Topics include executive compensation, shareholder resolutions and board of director ownership and accountability. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FINC 311. Meets with regular section. RESTRICTIONS: Open to Junior and Senior FINC majors only.*

**FINC 419-080 Financial Modeling and Valuation (Add-On)**

Stocker, Jay

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 the grading rubric for the Honors work. *PREREQ: FINC 312 & FINC 314. Meets with the regular section. RESTRICTIONS: Open to Junior and Senior FINC majors and MISY majors with Finance concentrations only.*

**French (FREN)**

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

Alalou, Ali

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

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

Sankara, Edgard

This course covers the development of oral proficiency in French through discussion and analysis of major French films. Some written work and grammar review where appropriate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FREN 107 or FREN 112 or one 200-level French course with a minimum grade of B. Meets with the regular section.*

**FREN 211-080 & 081 French Reading and Composition (Add-On)**

Steinberger, Deborah/Celli, Judy

This course, taught in French, will introduce you to a selection of texts in which human relationships play a central role. Based upon a close reading of the works and through your written and oral responses to them, you will explore the challenges that individuals encounter in childhood, adolescence, and adulthood as they grapple with such problems as lack of access to quality education, dysfunctional families, obsessive relationships, human sexuality, divorce, and mental illness. Small- group work, roundtable discussion, and literary analysis frame our study of the vexing problems of life. Some of the authors to be read include Carrier, Duras, Gide, Hébert, Ionesco, Maillet, Roy, and Sarraute. The Honors section of French Reading and Composition has a film component that complements the literary selections. Students watch three French and Francophone films and, in additional class meetings with the professor, discuss the cultural, historical, and political context in which the literature is framed within the film texts. Honors students have additional readings in 20th and 21st century texts about which they write papers of literary analysis. Finally, students enrolled in the course for Honors deliver a group

presentation thus contributing to the cultural knowledge of the class as a whole. It is strongly recommended that those pursuing Honors credit for this course have earned final grades of A or A- in previous university-level French coursework. *PREREQ: FREN 107 (with a minimum grade of A-) or FREN 112 (with a minimum grade of A-) or FREN 200 (with a minimum grade of C). This course satisfies the CAS Group A breadth requirement. Meets with the regular section.*

### **FREN 301-080 Self and Society (Add-On)**

Sankara, Edgard

This course involves a thematic and historical approach to French narrative from the Renaissance to the present day, focusing on the conflict between individual behavior and societal norms while fostering an understanding of French culture, history, and institutions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FREN 211 & any 200-level course taught in the French language. Meets with the regular section.*

### **FREN 303-080 Texts and Contexts (Add-On)**

Oancea, Ana

A variable-topic course examining French and/or Francophone literature in its historical and cultural contexts. Students are taught reading strategies and tools for textual analysis applicable to literature as well as other disciplines. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FREN 211 & any 200-level course taught in the French language. May be repeated for credit when topics vary. Meets with the regular section.*

### **FREN 404-080 Advanced Composition and Grammar (Add-On)**

Alaou, Ali

This course focuses on intensive writing practice in French (seven compositions, all to be revised), with systematic grammar review: past tenses, articles, adjectives, participles, passive voice, the conditional, the subjunctive, concordance of verb tenses, demonstrative pronouns. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 300-level French courses. Meets with the regular section.*

### **FREN 455-080 Selected Authors, Works and Themes (Add-On)**

Oancea, Ana

Topics include the works of one or more outstanding authors or on a special theme. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 300-level French courses, including at least one of the following: FREN 301 or FREN 302 or FREN 303. May be repeated for credit when topics vary. Meets with the regular section.*

## **Geology (GEOL)**

### **GEOL 105-080 & 081 Geological Hazards and Their Human Impact (Add-On)**

O'Neal, Claire

This course explores geological processes and events that adversely affect humans and civilization along with the methods for predicting and dealing with geological hazards. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *May be taken with a 1 credit lab, GEOL 115. Meets with the regular section.*

## **Greek (GREK)**

### **GREK 201-081 Ancient Prose: Intermediate Greek (Add-On)**

Boyd, Marcaline

This course focuses on the works of one or more prose authors with particular attention to review of grammar and syntax. Readings will be drawn from the philosophical, historical, and oratorical works of authors such as Plato, Herodotus, Xenophon, Lysias, Demosthenes, and Isocrates in rotation or in combination. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: GREK 102 or equivalent. Meets with the regular section.*

### **GREK 301-081 Ancient Prose: Advanced Intermediate Greek (Add-On)**

Boyd, Marcaline

This course focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu. Readings are drawn from the philosophical, historical, and oratorical works of authors such as Plato, Herodotus, Xenophon, Lysias, Demosthenes, and Isocrates in rotation or in combination. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: GREK 202 or equivalent. May be repeated for credit four times. Meets with the regular section.*

## **German (GRMN)**

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

Riehl, Ester

This course focuses on the reading and discussion of 20th-century German short stories, novellas, and several short compositions. Grammar review where appropriate. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: GRMN 107. Meets with the regular section. RESTRICTIONS: Not intended for students who have already taken a 300 or 400-level course in German.*

### **GRMN 267-080 Seminar (Add-On)**

Nobile, Nancy

Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **GRMN 355-080 Special Topics (Add-On)**

Finney, Victoria

This course explores an area of special interest in German literature or culture studies. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Any two 200-level German courses. May be repeated for credit three times when topics vary. Meets with the regular section.*

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

Nobile, Nancy

More than 25 years ago, the Berlin Wall fell and within a year Germany was united and the former German Democratic Republic ceased to exist. More than a generation separates us from these momentous events but they continue to influence contemporary German debates and identity. In this course we will examine several literary texts and films, which address German reunification and its impact within the context of globalization. The works selected encompass authors and film directors from West and (former) East Germany, who offer widely different interpretations of Germany past and present. We will discuss topics such as German national identity, the role of memory and history, changing regimes of work, migration and the new youth (pop) culture. Students will be required to write several short assignments, three essays, and take a midterm and a final exam. *PREREQ: Two 300-level German*

*courses, one of which may be taken concurrently with the 400-level course. May be repeated for credit three times when topics vary. Meets with regular section.*

## **Human Development and Family Studies (HDFS)**

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

Staff

This course includes the 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. *Meets with the regular section. RESTRICTIONS: Open to students whose major requires the course. Preference given to incoming first-year HDFS majors.*

### **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 Canvas online forum. In addition, Honors members will write a research paper on a topic of their choosing. *Meets with the regular section. RESTRICTIONS: Some seats saved for first-year incoming students.*

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

Johnson, Bridgette

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

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

Gaines-Hanks, Norma

This course is designed to help students understand the scope of human service agencies that focus on the needs of children and families. Upon completion of the course, students will be aware of current problems facing children and families, identify "best practice" approaches to helping children and families, and understand how diversity among children, families, and communities can inform service delivery. Course readings, assignments, and methods of evaluation are individually tailored to needs and interests of Honors students. Honors students will complete a research project focused on a specific issue related to children and their families. The project will involve writing a research paper, conducting site visits to targeted agencies, and must include a cross-cultural component. The final project will be presented to peers in scheduled sections of HDFS 235. In addition to meeting with the regular section, Honors students will schedule regular meetings with the professor to discuss the topic under study and assess progress. *Meets with the regular section; separate weekly meeting with the professor. RESTRICTIONS: Open to Human Services majors, Disabilities Studies Minors, & Sociology - Welfare track students only. Not open to Freshmen.*

### **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 and Evaluation (Add-On)**

Hallam, Rena

This course focuses on program development, administrative procedures, and program evaluation. Topics include basic skills required for the development, 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: HDFS 235 & HDFS 334 or permission of instructor. COREQ: HDFS 334 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. *PREREQ: HDFS 202, HDFS 235, & HDFS 334 or permission of instructor. 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. RESTRICTIONS: Open to Senior majors only.*

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

Barnes, Tia

This course examines the philosophy, organization, and operation of programs for children with exceptionalities. It will focus on teaching in inclusive settings and implementing developmentally appropriate practices. Topics include: parent-professional partnerships, characteristics of specific disabilities and related interventions, IEP process, adaptation strategies, and positioning and handling techniques. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: HDFS 222. COREQ: HDFS 432. Meets with the regular section. RESTRICTIONS: Early Childhood Education majors only or with permission of instructor.*

## **History (HIST)**

### **HIST 101-080 & 083 Europe and the World I (Add-On)**

Duggan, Lawrence/Frassetto, Michael

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

components and the grading rubric for the Honors work. *Meets with the regular section; separate Honors meeting.*

**HIST 102-080 Europe and the World II (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 104-081 World History II (Add-On)**

Flaherty, Darryl

World History (HIST 104) explores the creation of our contemporary world through an examination of the global past, connecting events, experiences, systems, and processes to the present. The course does this through lectures, in-class exercises, and discussion grounded in the reading of primary sources (historical sources by people trying to make sense of their world as change happened). Students in the Honors section of HIST 104 will read sources that further contextualize this momentous history. On alternating weeks, they will either write short analytical responses on the sources and meet with the professor to discuss the additional material. *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 extra discussion meetings during the semester for the Honors group. *Meets with the regular section.*

**HIST 136-080 Topics: East Asia in Film (Add-On)**

Flaherty, Darryl

This course explores East Asian cinema and society via readings, discussion and viewing of films by and/or about East Asians. Topics will vary. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *May be repeated for credit when topics vary. Meets with the regular section.*

**HIST 201-080 Introduction to Global Islam (Add-On)**

Matthee, Rudolph

This course provides an introduction to the theology, philosophy and history of Islam. Topics include a basic introduction to the Quran, Traditions of Prophet Muhammad, and fundamentals of Islam law and jurisprudence. Students explore different interpretations and manifestations of Islam, both historically and contemporaneously and survey the rapid globalization of Islam and Muslim communities. Please

contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Sidebotham, Steven

This course outlines religion in Europe and the Near East from the Paleolithic period to the rise of Islam. Topics include religious beliefs, rituals, death and burial practices of ancient man, and construction and use of religious edifices. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

**HIST 250-080 Comparative Genocide (Add-On)**

Zavadivker, Polly

This course examines genocidal acts in the 20th century in a comparative framework. Cases include genocides of Armenians, Jews, Cambodians, Bosnians, and Rwandans. Topics include political and racial ideology, government institutions, perpetrator motivations, international responses, and genocide prevention. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Cross-listed with JWST 250-080. Meets with the regular section.*

**HIST 268-085 Seminar: Fascism & Communism in Europe (Add-On)**

Cruz, Jesus

This course is 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 professor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

**HIST 268-089 Seminar: European Nationalisms (Add-On)**

Brophy, James

This course is 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 professor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Alchon, Guy

This course explores the long twentieth century, an era of surpassing wonders and horror. It introduces some of the larger ideas and forces driving both modern times and the modern U.S., while emphasizing particular people who lived amidst and created their times. The course, then, examines the origins and course of Progress, Empire and Genocide, and such things as Courage, Complicity and Goodness. Ultimately, the course is interested in nothing less than the fate, the possibility, of Hope. Honors students will meet weekly for an additional hour or more in conversation with the professor. *Meets with the regular section.*

**HIST 318-080 Colonial America (Add-On)**

Bendler, Bruce

This course examines the transit of culture from England to America and its modification there during the seventeenth century and the development of mature colonial societies to 1760. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Frassetto, Michael

This course is a survey of political, social, cultural and economic developments in Europe between 300 and 1050. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Duggan, Lawrence

This course focuses on 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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **HIST 353-080 Modern Germany: 1770-1919 (Add-On)**

Brophy, James

This course focuses on German political, socioeconomic, and cultural history from 1770 to the end of the First World War. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **HIST 359-080 Soviet Union: 1917-1991 (Add-On)**

Shearer, David

This course focuses on the political, socioeconomic and cultural developments in the Soviet Union from 1917 to 1990. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Virdi, Jaipreet

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

### **HIST 400-085 Capstone Seminar (Add-On)**

Shearer, David

Students will synthesize and deploy the research, writing, and communication skills they have developed over their previous years as History majors. Under the guidance of the instructor, students will develop a plan for a historical research project, conduct original research, and write a substantial paper and/or create a website or museum exhibit. Topics vary. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

## **Hospitality, Business Management (HOSP)**

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

Kline, Sheryl

HOSP 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. Honors

students meet with the faculty member throughout the semester to develop their career plans and discuss their research paper. Research papers are on individualized topics in an area of the student's career interest. In addition, Honors students have opportunities to develop their leadership and communication skills. In the past students have networked with alumni and lead industry panel discussion in the classroom. *Meets with the regular section.*

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

Pyle Jr., Philip

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

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

Pyle Jr., Philip

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. *PREREQ: HOSP 321. Meets with the regular section. RESTRICTIONS: Open to Junior & Senior HRIM majors only.*

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

DiGregorio, Joseph

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. In addition to the HOSP 489 curriculum goals and expectations the Honors section is intended to enrich and deepen the course experience through additional assignments/projects that will be integrated into the course throughout the semester. The students will work together to develop the appetizer trio for the next Vita Nova dinner menu. Each item on the trio will consist of a minimum of three separate components, and will be created and tested by the Honors Students. *Course is 6 credits. PREREQ: HOSP 321, HOSP 325 & HOSP 488. 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. RESTRICTIONS: Open to HRIM majors only.*

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

Miller, Brian

This course will examine a review of feasibility methods of a potential lodging franchise in a given market, review market data, evaluate potential franchises, develop facility and design requirements, examine revenue streams and cash flows and its economic viability. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ACCT 207, ACCT 208, HRIM 380, HOSP 381, HOSP 382, HOSP 481, BUAD 301 & FINC 311. COREQ: ACCT 207, ACCT 208, HOSP 380, HOSP 381, HOSP 382, HOSP 481, BUAD 301 & FINC 311. 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. RESTRICTIONS: Available only after taking 90 credits. Available only in the Senior Year.*

## **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 and 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 or ITAL 205 or ITAL 206. Meets with the regular section.*

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

Salsini, Laura

Students will practice, apply, and enhance the language skills learned in earlier classes through different kinds of written communications (i.e. summaries, opinion papers, narrations, feature articles) and class participation. A course packet with contemporary short stories in Italian will serve as the basis for writing projects and class discussion. 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 310-080 Survey of Italian Literature (Add-On)**

Saggese, Riccarda

This course explores the development of Italian literature from its origins to the mid-17th century. Students will study and discuss a various representation of 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 455-080 Italian Cinema (Add-On)**

Melloni, Giorgio

This course will explore Italian Cinema. Honors students will conduct in-depth research projects focusing on a particular figure or theme touched on in the course. Students enrolled for Honors credit must complete an additional presentation along with an additional research paper. *PREREQ: Any two*

*ITAL 300-level literature courses. Can be repeated for credit when topics vary. May be offered jointly with ITAL 655. Meets with regular section.*

## **Japanese (JAPN)**

### **JAPN 200-080 Japanese Grammar and Composition (Add-On)**

Inoue, Chika

In this course students will further their study of Japanese grammar, kanji characters and reading and writing skills for communication. Grammar, Kanji and essay writing are emphasized. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: JAPN 107. Meets with the regular section.*

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

Sato, Mutsuko

JAPN 201 is the first of the two-course series which form the core of 200-level Japanese, the other being JAPN 202. 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 204-080 The Art of Japanese Calligraphy (Add-On)**

Inoue, Chika

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

### **JAPN 305-080 Japanese Conversation and Composition (Add-On)**

Inoue, Chika

This course focuses on the discussion of current cultural, social and political topics in Japanese. Vocabulary building, grammar exercises and frequent compositions are emphasized. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: JAPN 202 or JAPN 205 or a 300-level JAPN course. Meets with regular section.*

### **JAPN 405-080 Japanese Translation (Add-On)**

Hutchinson, Rachael

Explores the major issues in translating a Japanese literary text into English, including synonym choice, literal versus loose translation, poetic license and the tense-aspect controversy. Students will find their own method of translation, balancing creative expression with accuracy and fidelity to the text. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: JAPN 301 plus one other JAPN course at the 300-level. Meets with regular section.*

## **Jewish Studies (JWST)**

### **JWST 250-080 Comparative Genocide (Add-On)**

Zavadivker, Polly

This course examines genocidal acts in the 20th century in a comparative framework. Cases include genocides of Armenians, Jews, Cambodians, Bosnians, and Rwandans. Topics include political and racial ideology, government institutions, perpetrator motivations, international responses, and genocide

prevention. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Cross-listed with HIST 250-080. Meets with the regular section.*

### **JWST 333-080 Israeli Film: Reflecting Dramatic Change (Add-On)**

Gutman, Eynat

This course explores Israeli films from the immediate postwar period to the present. Historical and societal changes are emphasized and aesthetic and technical elements of film production and reception are featured. This course is discussion intensive. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Cross-listed with LLCU 333-080. Meets with the regular section.*

## **Kinesiology & Applied Physiology (KAAP)**

### **KAAP 220-080 Fundamentals of Anatomy and Physiology I (Add-On)**

Greska, Eric

This course focuses on the structure and function of human body: skeletal, muscular, integumentary, and nervous systems. With KAAP221, this course provides a foundation for health care related fields. KAAP 220/KAAP 221 can be taken in any order. See KAAP 309/KAAP 310 sequence for 4 credit A&P with lab. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section. RESTRICTIONS: Students may not receive credit for KAAP 220 if taken after completion of KAAP 309.*

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

Rose, William/Sanjana, Faria

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 205 or BISC 207 & CHEM 101 or CHEM 103 or CHEM 105 or CHEM 107 or CHEM 111. Meets with the regular section. RESTRICTIONS: Open to KAAP majors only.*

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

Greska, Eric

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. This course includes the discussion of movement analysis and proper techniques 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. Meets with the regular section. RESTRICTIONS: Open to students whose major or minor requires this course.*

### **KAAP 400-080 Research Methods (Add-On)**

Hudson, Matthew

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. 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. RESTRICTIONS: Open to Senior EXSC, HLST and AT majors only.*

**KAAP 400-081 Research Methods (Add-On)**

Getchell, Nancy

This course is an introduction to research on health and physical activity, including types of research, research design, matching appropriate statistical tools with research designs, research writing style and format and ethical issues related to research. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: STAT 200 or MATH 201 or PSYC 209. 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. . RESTRICTIONS: Open to Senior EXSC, HLST and AT majors only.*

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

Barlow, David

In this course, the anatomical individuality, functional significance and human performance interpretations are examined through the detailed and systematic investigation of muscular, skeletal, circulatory, and nervous systems. Structural and functional kinesiology of the extremities and their girdles are stressed dealing with the inter-relationships between form and function of tissues, organs and organ systems of the human body. An approach is utilized that fosters student enthusiasm, critical thinking, and a love of the biological sciences. Students are provided with a significant advanced core of anatomical knowledge acquired in lecture and extensive laboratory settings. Laboratory experiences will, where appropriate, emphasize the meaning and significance of musculoskeletal movements and will utilize human cadavers, prosected human specimens, models, EMG and electro-physiological demonstrations, X-rays, dry biological materials, interactive videodiscs, and other instructional aids. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: KAAP 220 or KAAP 309. Meets with the regular section. RESTRICTIONS: Open to AT majors and EXSC majors only.*

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

Crenshaw, Jeremy

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 apply this knowledge in critical reviews of published biomechanics studies. *PREREQ: PHYS 201 or PHYS 207 & KAAP 220 or KAAP 309. Meets with the regular section. RESTRICTIONS: Open to EXSC majors only.*

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

Lennon, Shannon/Stock, Joseph

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 be assigned a case study topic for investigation involving primary scientific literature and will present their findings to the class. *PREREQ: KAAP 221 or KAAP 310 or BISC 276 or BISC 306. Meets with the regular section.*

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

Scotolati, Guy

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 cardiac conditions affect ECGs by researching a selected condition and writing a

short paper to demonstrate the student's learning of how the characteristics of the condition alters the ECG. *PREREQ: KAAP 430. Meets with the regular section.*

### **Landscape Architecture (LARC)**

#### **LARC 232-080 Foundations of Landscape Architecture (Add-On)**

Robinson, Rodney

This course involves the application of design process to local landscape sites with an emphasis on creative problem-solving, aesthetic, and ecological principles of design. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **Latin (LATN)**

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

Sukava, Tyson

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: LATN 101 & LATN 102 or equivalent. Meets with the regular section.*

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

Boyd, Marcaline

This course focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu.

Readings are drawn from the philosophical, historical, and oratorical works of authors such as Tacitus, Pliny the Elder, Pliny the Younger, Caesar, Cicero, Sallust, and Seneca in rotation or in combination.

Honors students have additional assignments designed to deepen their understanding of literary criticism and the cultural context of the work. As one exercise, students will analyze a passage using the tools of philological examination (i.e. translations, textual tradition, scholia, lexica, and commentaries). In another assignment, students will assess a work of modern scholarship related to the text that intersects with their research interests. *PREREQ: LATN 202 or equivalent. Meets with the regular section.*

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

Boyd, Marcaline

This course focuses on the works (in the original language) of one or more prose authors with particular attention to interpretative issues such as themes and contemporary intellectual and cultural milieu.

Readings drawn from the philosophical, historical, and oratorical works of authors such as Tacitus, Pliny the Elder, Pliny the Younger, Caesar, Cicero, Sallust, and Seneca in rotation or in combination. Honors students have additional assignments designed to deepen their understanding of literary criticism and the cultural context of the work. As one exercise, students will analyze a passage using the tools of philological examination (i.e. translations, textual tradition, scholia, lexica, and commentaries). In another assignment, students will assess a work of modern scholarship related to the text that intersects with their research interests. *PREREQ: LATN 301 and LATN 302 or equivalent. Meets with LATN 301. May be repeated for credit four times.*

### **Leadership (LEAD)**

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

Morrison, James

This course introduces students to the challenges of leadership. An experiential practice-based change project will give students hands-on experience in applying the skills and practices of effective leadership

to create positive change. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *RESTRICTIONS: Open to LEAD majors only. Meets with the regular section.*

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

Case Lilly, Jane

This course explores how leaders take on the challenge of mobilizing others to transform visions into reality and 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. *Meets with the regular section.*

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

Middlebrooks, Anthony

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

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

Case Lilly, Jane

Consider leadership as a process of influencing others toward a common vision. Further, consider that effective leadership lies in the leader, the followers, the context, and the interaction among all three--and that all are influenced by the choice of decisions that should be made, the process of making decisions, and the ability to implement decisions. This course will examine models of decision-making, the use of economic, social, and political tools as part of the decision-making process, and the responsibility of leaders and followers to implement decisions that further the common good. Students will be presented with opportunities to personally practice and observe the impacts of various modes of decision-making upon effective (and ineffective) leadership, and to apply the tools of decision-making to current events and policies. Honors students will have a research experience, acting as the principle investigator(s) for a class research project. *PREREQ: LEAD 100. Meets with the regular section.*

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

Fuqua, Jennifer

This course examines direct action organizing, coalition building, and consensus organizing as strategies for mobilizing people to create positive change. There is an emphasis on social responsibility, sustainability, collaborations, and multisector interactions. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: LEAD 100 & LEAD 101. Meets with the regular section.*

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

Carter, David

This course explores building the capability of organizations to develop and operationalize leadership capacity at all levels of an organization. The concepts and theories of organizational effectiveness that are 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. Honors students will have two meetings with the Professor and with the Community Client to assess and evaluate specific project components of leadership and followership. *PREREQ: LEAD 100 & LEAD 341. 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. RESTRICTIONS: Open to Senior LEAD majors only.*

### **Legal Studies (LEST)**

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

Rise, Eric

This course introduces legal studies as a multidisciplinary field. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Cross-listed with CRJU 301-080. Meets with the regular section. RESTRICTIONS: Open to CRJU and LEST majors and minors only.*

### **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. *RESTRICTIONS: Open to any UDHP students.*

#### **LING 202-080 Science of Language (Add-On)**

Pincus, Nadya

This course is an extension of the study of linguistics begun in LING 101. The focus is on formal, scientific aspects of linguistics, specifically articulatory phonetics and the IPA transcription system, phonology, morphology and syntax. The course examines linguistic phenomena in English as well as other languages. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: LING 101. Meets with the regular section.*

### **Languages, Literatures and Cultures (LLCU)**

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

Sukava, Tyson

This course explores cosmological myths and heroic sagas in the literature and art of Greece and Rome and the influence of the mythology in later art and literature. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

**LLCU 321-080 Topics: Chinese Literature in Translation (Add-On)**

Chen, Jianguo

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

**LLCU 330-080 Gender and Sexuality in Ancient Greece and Rome (Add-On)**

Boyd, Marcaline

This course devotes its attention to the lives and representations of women and men in ancient Greece and Rome. We will investigate a wide range of texts, including tragedy, comedy, poetry, philosophy, legal documents, and medical treatises, as well as material culture (e.g. classical sculpture and architecture, images on pots, and wall paintings). This course will also explore gender through the prism of a variety of cultural and social processes: myth, art, legal systems, prostitution, homosexuality, religion, politics, medicine, and family. Throughout this course, we will focus on how gender figures as a central motif in ancient Greece and Rome, and gain, it is hoped, a complete understanding of the role that gender plays in our own society. *Cross-listed with WOMS 330-080. Satisfies Group B requirement. May be repeated three times for credit when topics vary. Meets with the regular section.*

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

Gutman, Eynat

This course is an inquiry into Israeli films from the immediate postwar period to present. Historical and societal changes are emphasized. Aesthetic and technical elements of film production and reception are featured and this course is discussion intensive. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**LLCU 360-080 Humanities Colloquium (Add-On)**

Hutchinson, Rachael

This course involves papers and discussion by faculty members and students participating in Humanities Semester offerings with an interdisciplinary approach. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**LLCU 375-080 Cold War Culture (Add-On)**

Hulings, Julia

The intense standoff known as the Cold War began in 1946 with the recognition and declaration of the impossibility of fostering productive relations with the USSR. It lasted until the fall of that country in 1991. The 45-year period flavored politics and imbued the minds of Soviet citizens with a nationalistic hatred of those evil American capitalists, a constant suspicion of infiltration, an intense fear of mutual mass destruction, and a propagandized, overly optimistic view of the communist experiment itself. In turn, Americans grew to loathe those misguided “commies” who spied on us in hopes of taking over and removing our freedoms. As the US and the USSR continually postured, each purporting that its military might and very way of life would persevere in the end, the Soviet people suffocated in endless food lines, cramped communal apartments and prescribed social activities. Look behind the Iron Curtain to explore the Soviet Cold War mindset through the literature, art, films, social trends, and policy of the time. Explore the American point of view, as well, through film and literature. Grades to be based on discussion of readings, short essays, midterm, final, and two short presentations on social phenomena. Honors students will take on a more in-depth, semester-long research project to include additional readings and a presentation to the class. Topic to be determined by student and professor. *Taught in English. Fulfills Group B (History and Cultural Change); Second Writing also available. May be repeated for credit when topics vary. Meets with the regular section.*

### **LLCU 424-080 Second Language Testing (Add-On)**

McCone, Thomas

This course is designed to provide future teachers with the knowledge and skills required to select and/or develop appropriate foreign language assessments. Participants will learn how to identify the strengths and weaknesses of various assessment methods, how to deploy a variety of formal and informal assessment techniques, and how to maintain useful records of student work and performance. This will involve the study of the principles and techniques of second-language testing, the measurement of the four skills and of communicative competence, bilingual measures, and there will be practice in item construction and analysis. By the end of the course, students will be able to describe the different procedures available for the assessment of language learning outcomes, select and/or evaluate assessments in terms of their practicality, reliability, validity, authenticity and washback, and develop appropriate assessments for specific language learning goals. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **Marine Studies (MAST)**

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

Thoroughgood, C. A.

The regular MAST 200 class considers physical, chemical, geological and biological principles in examining how the oceans work, drawing heavily on current ocean issues to illustrate processes and problems. The Honors section experience will consist of two types of activities. First, the Honors students will be required to go into more depth about how the various physical, chemical, biological, geological, engineering and public policy aspects considered in the regular course are naturally integrated in the marine environment. Usually, this will entail some extra readings and the writing of 1 or 2 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 and prepare for Coast Day activities. After that, meetings will be held 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. *Meets with the regular section. RESTRICTIONS: Open only to non-science majors or with permission from instructor.*

#### **MAST 314-080 Comparative Terrestrial and Marine Ecology (Add-On)**

York, Joanna

This course is a comparative overview of similarities and dissimilarities of life in terrestrial and marine environments. Topics include geological history, subsistence, growth and development, life history, reproduction, dispersal, population regulation, and impact of humans. Honors students will have additional meetings with the instructor. They will read and discuss primary literature and submit an additional writing assignment. Honors students will also attend the CEOE Coast Day event in Lewes on the 1st Sunday of October. *PREREQ: BISC 208. Meets with the regular section.*

### **Mathematics (MATH)**

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

Bong, Novi

This course is a brief review of MATH241, evaluation of limits by L Hospital's rule, applications of integration, integration techniques, parametric curves, polar coordinates, and infinite sequences and series. This course includes computer use to perform symbolic, numerical, and graphical analysis. *PREREQ: MATH 232 or MATH 241. RESTRICTIONS: Credit cannot be received for both MATH 222 &*

*MATH 242. Upperclass students may request a seat with a confirmed 'A' in MATH 241 at UD. Placement determined for incoming first-year students by UD Honors Calculus Placement Test.*

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

Giusti, Chad

This course covers systems of linear equations, matrix algebra and determinants, vector spaces, linear dependence and independence, and basis and dimension. Topics also include linear transformations, similarity transformations, diagonalization problems, inner product spaces and least squares approximation. Theory and application to other mathematics areas are emphasized. The course includes computer use for analysis and solution of linear algebra problems. *PREREQ: MATH 230 or MATH 242. RESTRICTIONS: Credit cannot be given for both MATH 349 and either MATH 341, MATH 342, or MATH 351.*

**MATH 460-080 Introduction to Systems Biology (Add-On)**

Dhurjati, Prasad

This course uses a systems biology approach to mathematical modeling of biological systems. Examples include biomedical and agricultural research areas, biotechnology, industrial processes, and others. Differential equations, stochastic, feedback and control, or network models are discussed and students will get hands-on work via PBL modules. Honors students will work on a systems-level spatiotemporal model of the human gut microbiome. *PREREQ: One of the following: BISC 302, BISC 305, BISC 306, BISC 401, or BISC 403. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

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

Fok, Pak-Wing

This course is aimed at providing a hands-on learning experience in contemporary applications of mathematics. It involves work with investigators from industry, national laboratories, and other departments. Mathematical topics may include ordinary and partial differential equations, systems of differential equations, transform, asymptotic, and numerical methods. *PREREQ: One 300 or higher level course on differential equations. Meets with the regular section. RESTRICTIONS: Open to Juniors and Seniors only. This course satisfies the Senior Capstone Requirement for the Honors Degree if taken in one of the last two semesters before graduation.*

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

Plechac, Petr

This course provides students with experience in the application of mathematics in economics. Applications may vary from semester to semester. 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 the grading rubric for the Honors work. *PREREQ: MATH 302, MATH 349, ECON 301 & ECON 303. 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 210-080/080D, 081D, 082D, 083D, 084D, & 085D Statistics (Add-On)**

Buckley, Jennifer

To recognize, idealize and solve problems involving rigid bodies in static equilibrium using scalar and vector techniques. Introduces free body diagrams, friction, center of gravity, moment of inertia. Emphasizes the role of statics in the design process. The Honors Experience for this course will include

readings and guided analysis of a real-world statics scenario. *COREQ: MATH 242 & PHYS 207. Meets with the regular section.*

### **MEEG 241-080/080D & 081/081D Thermodynamics (Add-On)**

Doty, Heather

Basic concepts of thermodynamics including properties of substances and gas mixtures, energy, entropy, and exergy. 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 perform an additional research project designed to deepen their understanding of applications related to engineering thermodynamics. Honors students will present their research findings to the class at the end of the semester. *COREQ: MATH 351. Meets with the regular section. RESTRICTIONS: Open to MEEG majors only.*

### **Management Information Systems (MISY)**

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

Hartono, Edward

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

### **Medical & Molecular Sciences (MMSC)**

#### **MMSC 360-080 Clinical Immunology and Medical Virology (Add-On)**

Lehman, Donald

This course explores introductory immunology concepts and the use of immunological assays, such as enzyme immunoassays and fluorescent antibody assays, for diagnosis of infectious diseases and immunological disorders. The study of viruses, diseases they cause, and methods used to diagnose viral infections are emphasized. Honors students will have additional assignments to enhance their understanding of virology and immunology. Students will search the literature for case studies relating to viral diseases and immunologic disorders. During additional meeting times, students will present their cases to students in the honors section and lead discussions of the cases. *PREREQ: BISC 208 & CHEM 104 or CHEM 108. Meets with regular section. RESTRICTIONS: Open to Medical Laboratory Science majors and Medical Diagnostic majors and minors, or permission of instructor.*

#### **MMSC 402-080 Body Fluid Analysis (Add-On)**

Wood, Marie

The analysis of body fluids is the cornerstone of the practice of medical technology. This course explores the information obtained by accurate analysis of urine and other non-blood body fluids. How this information can provide a pattern essential to the assessment of a person's health or pathology will be discussed. The role of quality assurance in the development and performance of such tests will be emphasized. Honors students will examine a series of case studies to explore more intensely the relationship between clinical laboratory data and patient outcomes, learn digital photomicroscopy, and

develop their own clinical cases. *IMPORTANT NOTE: This is a 1 credit course. PREREQ: BISC 208 & CHEM 104 or CHEM 108. Meets with the regular section for lecture; separate Honors discussion.*

### **MMSC 412-080L Body Fluid Analysis Laboratory (Add-On)**

Protack, Kyle

This course offers an overview of protocols, technical and clinical correlations involved in body fluid analysis of non-blood body fluids, including urine, synovial, cerebrospinal, seminal, serous, amniotic and gastric fluids. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: BISC 208 & CHEM 104 or CHEM 108. COREQ: MMSC 402. Meets with the regular section. RESTRICTIONS: Open to Medical Laboratory Science majors only.*

### **MMSC 420-080 Immunohematology II (Add-On)**

Allshouse, Leslie

This course involves the study of blood and component transfusions, their risks, complications and quality assurance. This course also involves the study of blood component therapy and testing of the neonate and adult. Honors students will review additional patient case studies related to the course information, and using PowerPoint will present case studies to their classmates during a regularly scheduled lecture period. *PREREQ: A grade of C- or better in MMSC 409. Meets with the regular section.*

### **MMSC 433-080 Hematology II (Add-On)**

Hughes, Virginia

This course involves the study of the pathophysiology of erythrocytic and leukocytic disorders and the laboratory findings of these disorders. Honors students have additional assignments designed to deepen their understanding of the pathophysiology of Disseminated Intravascular Coagulation and its association with leukemia. Students will write a ten-page paper outlining case reports discussed in class and the nexus between DIC and leukemia. *PREREQ: A grade of C- or better in MMSC 423. Meets with the regular section.*

### **MMSC 438-080 Diagnostic Bacteriology and Medical Mycology (Add-On)**

Lofland, Denene

This course focuses on diagnostic bacteriology, emphasizing the correlation of in vitro and in vivo findings in the diagnosis and treatment of infectious disease, including human mycoses. Topics include the identification of pathogenic and nonpathogenic bacteria and fungi in clinical specimens. The Honors section of this course provides the student with an opportunity to explore additional information relevant to the field of Clinical Microbiology. This is accomplished through active preparation and bi-weekly participation in scheduled discussions with the instructor and classmates on assigned topics and journal articles. *PREREQ: Grades of C- or better in both MMSC 360 & MMSC 428. Meets with the regular section.*

## **Music (MUSC)**

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

Gage, Christopher/Shافر, Jennifer

This course covers the techniques of sight singing, 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. *All sections meet with the regular sections plus one extra hour per week. RESTRICTIONS: Student must pass department music theory placement test. Open to incoming first-year MUSC majors and minors.*

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

Purciello, Maria/Murray Jr., Russell

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 the music of this period together with issues of style, aesthetics, performance practice, and reception history. *PREREQ: MUSC 311, MUSC 295, and MUSC 286 with a grade of C- or better or permission of the instructor. Offered fall semester only. Enroll in MUSC 312-081 in order to fulfill the A&S 2<sup>nd</sup> Writing Requirement.*

### **Neuroscience (NSCI)**

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

McCaughey, Stuart

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. *RESTRICTIONS: All seats reserved for incoming first-year PSYC and NSCI majors.*

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

McCaughey, Stuart

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

*PREREQ: C- or better in PSYC 100 or NSCI 100.*

### **Nutrition & Dietetics (NTDT)**

#### **NTDT 200-080 Nutrition Concepts**

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, and other current issues and concerns in nutrition. *Most seats reserved for incoming first-year Honors students.*

#### **NTDT 305-080 Nutrition in the Lifespan** (*Add-On*)

Baker, Sandra

This course focuses on nutrition and health during the different stages of life: pregnancy, lactation, infancy, preschool years, middle childhood, adolescence, adulthood, and later maturity. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work.

*PREREQ: NTDT 200 and a course in biology. Meets with regular section.*

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

Eastep, Maryann

This course focuses on energy and nutrient needs for activity with an emphasis on particular physical and athletic activities, common myths and fallacies concerning diet and athletic performance, and appropriate

dietary approaches for specific activities and active people. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: NTDT 200 and a physiology course. Meets with the regular section.*

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

Kuczmariski, Marie

Topics include 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, & 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 as well as the 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: NTDT 400. Meets with the regular section.*

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

Grim, Andrea

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

**NTDT 460-080 Community Nutrition (Add-On)**

Pacanowski, Carly

This course focuses on nutritional care as a part of health maintenance, health promotion, and health care delivery in community settings. Students will study the relationship of community resources, structure, and dynamics as it relates to an individual's ability to be well fed. We will discuss community nutrition assessment and programming through 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. *PREREQ: NTDT 321 & 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. RESTRICTIONS: Open to NTDT majors only. Students are offered site opportunities and final placement is managed by the instructor.*

**Nursing (NURS)**

**NURS 263-080 Health Assessment (Add-On)**

Madiraca, Jessica

In this course students will develop skills in history taking and physical assessment across the lifespan. Emphasis is placed on the differentiation between normal and abnormal findings, recognition of common health problems, and consideration of developmental and cultural implications during health screening. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: KAAP 220 & KAAP 221. COREQ: NURS 243 & NURS 264. Meets with the regular section. RESTRICTIONS: Open to NURS majors only.*

**NURS 354-080 Psychosocial Nursing (Add-On)**

Graber, Jennifer

This course presents and examines selected concepts and theories related to restoring and maintaining the 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 253 or NURS 312. Meets with the regular section. RESTRICTIONS: Open to NURS majors only.*

**NURS 358-080 Women's Health Nursing (Add-On)**

Elliott, Sandra

This course presents selected concepts and theories related to nursing care of the childbearing family and major women's health issues. Selected laboratory and field experiences are included to enhance concepts. The Honors section of this course has an Honors-specific experiential learning opportunity where the students explore evidence-based practice in the high-risk obstetric field in collaboration with a current staff nurse. This gives the students the opportunity to take their coursework to a higher level by comparing it and their experience with current literature and evidence. *PREREQ: NURS 222, NURS 241 & NURS 242 or NURS 253 or NURS 312. Meets with the regular section. RESTRICTIONS: Open to NURS majors only.*

**NURS 362-080 Research Concepts in Healthcare (Add-On)**

Heilferty, Catherine

This course involves the application of the research process and the research utilization process to healthcare practice. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: STAT 200 or MATH 201. Meets with the regular section. RESTRICTIONS: NURS and HLST majors only.*

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

Hall-Long, Bethany

This course examines the nurse's role in community health and health policy. Major issues affecting healthcare and current political issues are 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 253 or NURS 312. Meets with the regular section. RESTRICTIONS: Open to NURS majors only.*

**Philosophy (PHIL)****PHIL 303-080 Modern Philosophy (Add-On)**

Shabo, Seth

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

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

Fox, Alan

In this course we will read and discuss the works of several important thinkers in the Chinese philosophical traditions, including the Confucians, Daoists, Mohists, Buddhists, Neo-Daoists, and Neo-Confucians. We will be interested in both the content and the methodology of Chinese philosophy. It is

important to remember that this is a 300-level philosophy course, and although no prior experience in philosophy is required and no knowledge of the Chinese language is necessary, still the class will be demanding and will require that you think deeply about the materials. The Honors section will run concurrently with and meet at the same time as the non-Honors section, but will read and write about more in-depth works on topics that run concurrently with the syllabus of the regular section. We will meet additionally once every other week 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)**

Cushing, Jeremy

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

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

Rogers, Katharine

This course covers various metaphysical and epistemological issues related to causation and causal explanation. Please contact the professor 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. Meets with the regular section. RESTRICTIONS: Open to PHIL majors only and by permission of instructor.*

## **Physics and Astronomy (PHYS)**

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

Maruca, Bennett/Dolan, Connor

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. RESTRICTIONS: Only one course from PHYS 201, PHYS 207 & SCEN 101 can count toward graduation.*

### **PHYS 211-080/080D Oscillations and Waves (Add-On)**

Clem, John

This course builds on and extends concepts of classical physics introduced in PHYS 207. Students will explore simple harmonic oscillation, the damped harmonic oscillator, and forced and coupled oscillations. PHYS 211 provides a simple treatment of traveling and standing waves and reflection of waves at discontinuities as well as interference and diffraction. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: PHYS 207 & MATH 241. COREQ: MATH 242. 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

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

#### **POSC 467-080 The Implicit Mind (Free-Standing)**

Kubota, Jennifer

Daily we encounter a variety of people, make hundreds of decisions, and perform countless tasks. Many of these actions and encounters are straightforward and at times thoughtless: brushing our teeth, walking to class, paying for coffee. Others require a bit more thought and deliberation: what will my friend want for their birthday, should I trust this person, should I apply to medical school. Each decision involves a set of cognitive, social, and/or affective processes some of which are hidden from us. In this course, we

will uncover the implicit mind and how it drives our thoughts, feelings, and actions. We will review research from several fields (psychology, economics, political science, and neuroscience, among others) and connect these findings it to real-world applications. *RESTRICTIONS: Open to PSYC & POSC majors. Cross-listed with PSYC 467-080.*

## **Psychology (PSYC)**

### **PSYC 100-080 & 081 General Psychology** (*Free-Standing*)

Begosh, Kristen/Medina, Jared

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. *RESTRICTIONS: Open to Freshmen & Sophomores only. Most seats reserved for incoming first-year students.*

### **PSYC 467-080 The Implicit Mind** (*Free-Standing*)

Kubota, Jennifer

Daily we encounter a variety of people, make hundreds of decisions, and perform countless tasks. Many of these actions and encounters are straightforward and at times thoughtless: brushing our teeth, walking to class, paying for coffee. Others require a bit more thought and deliberation: what will my friend want for their birthday, should I trust this person, should I apply to medical school. Each decision involves a set of cognitive, social, and/or affective processes some of which are hidden from us. In this course, we will uncover the implicit mind and how it drives our thoughts, feelings, and actions. We will review research from several fields (psychology, economics, political science, and neuroscience, among others) and connect these findings it to real-world applications. *RESTRICTIONS: Open to PSYC & POSC majors. Cross-listed with POSC 467-080.*

## **Russian (RUSS)**

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

Finney, Victoria

This course is a survey of the major cultural, social and political developments in Russia from its inception to the present. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: RUSS 211 or RUSS 305. Meets with the regular section.*

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

Hulings, Julia

What do you want to know about Russian grammar but are afraid to ask? Come fill in the gaps! Continue to develop the expression of your own opinions in clear, colloquial standard Russian through advanced exercises in Russian grammar, syntax, and word usage. Special attention will be paid to participial constructions, gerunds, verbs of motion, aspect, prepositions and word order, with an emphasis on word formation as essential to vocabulary building. Explore this grammar through an examination of key aspects of contemporary Russian education, politics, ecology, and perception of the U.S. through authentic readings from contemporary sources with related listening, speaking, and writing activities. This course will answer many of your unanswered questions about Russian; no stone will be left unturned! Honors students will do additional work, primarily with verbs and roots. They will also develop exercises and a presentation to the class on a related topic to be determined with professor. *PREREQ: Any 300-level RUSS course. Meets with the regular section.*

## **Sociology (SOCI)**

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

Perez, Victor

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

## **Spanish (SPAN)**

### **SPAN 200-080 & 085 Spanish Composition and Grammar (Add-On)**

Dabkowski, Meghan

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

### **SPAN 201-080 & 085 Spanish Reading and Composition (Add-On)**

McKenna, Susan

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

### **SPAN 205-081 & 082 Spanish Conversation (Add-On)**

Botello, Jesus/Brown, Joan

This course builds mastery of practical spoken Spanish in its cultural context. Spanish will be used strategically in situations related to everyday life, with topics such as travel, education, health, relationships, sports, food, housing, family life, entertainment and technology. The Honors sections feature additional proficiency activities inside and outside the classroom including one-on-one conversations with native speakers, third-party assessment for proficiency feedback, and guided research on topics of individual interest. *PREREQ: SPAN 107 or SPAN 112 or SPAN 200 or SPAN 201. A minimum grade of B is required in SPAN 107 or SPAN 112. Meets with the regular section. RESTRICTIONS: Not intended for native speakers of Spanish. Students may not receive credit for both SPAN 205 & SPAN 206.*

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

Saad Maura, Asima/Dabkowski, Meghan

This course is the second part of a thorough review and intensive practice, targeting structure, essential vocabulary, speaking, listening and extensive writing. Students in the Honors section will keep a

discussion thread in Canvas about various topics (i.e. grammatical concerns, historical and cultural issues based on the readings or any other activity related to the course, current news, movies, tv programs, etc. They will prepare summaries of some of the readings in the textbook, as well as answer extra essay questions on exams. Students will meet in person with la profesora at least twice a month and create audiovisual portfolios (after writing an essay on a particular subject, students will prepare a short videos to submit via Canvas; grade will be based on content, pronunciation and grammar). *PREREQ: SPAN 200. Meets with the regular section.*

### **SPAN 301-080 Survey of Spanish Literature (Add-On)**

Botello, Jesus

This course examines the development of Spanish literature from its origins through the 17th century via the study of representative works, discussions and collateral readings. 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 303-080 Survey of Spanish American Literature (Add-On)**

McInnis-Dominiguez, Meghan

This course examines representative works in all genres of Latin American literature from pre-Columbian to Modernism. Honors students prepare a video assignment and have additional requirements for their final paper. They also meet occasionally with the professor outside of class. *PREREQ: SPAN 201. Meets with the regular section.*

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

Selimov, Alexander

This course combines critical and creative approaches to language learning. It includes a selection of original literary texts by Latin American authors focusing on short stories and poems. It includes a set of pre- and post-reading exercises, as well as one creative writing activity per each text. Homework assignments and classroom discussions are intended to enable students to develop and hone their written and oral communication skills, master new vocabulary, learn to express themselves creatively, and develop a deeper appreciation of literature and culture. In addition to regular creative writing activities, the Honors component includes a final short story or a poem (written under the guidance of the instructor). *PREREQ: SPAN 201. Meets with the regular section.*

### **SPAN 305-080 Oral Communication (Add-On)**

Cubillos, Jorge

This course is designed to help students master the linguistic functions associated with the advanced level of Spanish proficiency (description, narration, persuasion and argumentation). Class activities and homework assignments focus on the development of extended discourse, fluency enhancement, and refinement of pronunciation. Honors students have additional audio-visual projects and online video-chat assignments with native-speakers from around the Spanish-speaking world to enhance their fluency and pronunciation. Also, honors students engage in bi-weekly personalized tutoring sessions with native TAs to improve their conversational skills. *PREREQ: SPAN 200. Meets with the regular section. RESTRICTIONS: Not intended for native speakers. Students may not receive credit for both SPAN 305 & SPAN 306.*

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

Busch, Hans-Jörg

This course is mandatory for prospective Spanish teachers and highly recommended to 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, 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. In addition to the regular class time, Honors students will meet with the instructor every week for 30 minutes to improve their conversational skills and pronunciation. Honors students will prepare a more extensive and in-depth in-class presentation than the regular students at the end of the semester. *PREREQ: SPAN 200. Meets with the regular section. RESTRICTIONS: Mandatory for prospective Spanish teachers.*

### **SPAN 315-080 Reading and Writing for Healthcare (Add-On)**

Rio, Aurelia

Reading and Writing for Healthcare is devoted to the analysis and creation of professional discourse in Spanish as well as the study of the cultural issues related to science, health, and healthcare in the Spanish-speaking world. Students will hone their reading and writing skills in the Spanish language and develop their understanding of the ways health, illness, and medicine are perceived in Spanish-speaking cultures. The course aims to prepare students for careers in medical and scientific fields. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 200-level SPAN courses taught in Spanish. Meets with the regular section.*

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

McInnis-Dominiguez, Meghan

This course is a survey of the geography, history, art, and society of Spain. Honors students prepare a video assignment and have additional requirements for their final paper. They also meet occasionally with the professor outside of class. *PREREQ: SPAN 200. Meets with the regular section.*

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

Rio, Aurelia

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

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

Busch, Hans-Jörg

This course involves an intensive practice in oral and written expression based on assigned readings and short films with frequent written exercises. Students will increase their accuracy in grammar and vocabulary, continue practicing all the grammatical structures they have studied in other Spanish courses, plus those structures that traditionally cause the most problems to foreign learners, for example the use of the subjunctive, the different past tenses, the sequence of tenses, the use of prepositions and pronouns, etc. Students will be able to understand the main ideas of most speech in a standard dialect in a variety of contexts and topics, narrate and describe with some details linking sentences together,

communicate facts and talk casually about topics of current public and personal interest using general vocabulary, read somewhat longer prose of several paragraphs in length particularly if presented with a clear underlying structure, write about a variety of topics, describe and narrate personal experiences using different styles and formats, and have good control of the morphology and the most frequently used syntactic structures. Honors students will have an additional conversational practice once a week for about 30 minutes. *PREREQ: One 300-level SPAN course. Meets with the regular section.*

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

Saad Maura, Asima

This course includes the study and practice of selected problems of written and oral Spanish syntax and vocabulary as well as textual analysis. The Honors students will get additional practice opportunities to improve their oral and written proficiency. They 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), as well as prepare summaries of videos and readings. In addition, Honor students will answer extra essay questions on exams and will meet in person with la profesora at least twice a month to speak, in Spanish, about a variety of topics. *PREREQ: One 300-level SPAN course. Meets with the regular section.*

**SPAN 436-080 Topics: Literature of the Spanish Golden Age (Add-On)**

Botello, Jesus

This course explores the works of one or more authors, or of a special theme or genre, within Spanish literature of the Golden Age (16th and 17th centuries). Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One 300-level SPAN survey of literature course. May be repeated three times for credit when topics vary. Meets with regular section.*

**SPAN 455-080 & 081 Selected Authors, Works, and Themes (Add-On)**

Selimov, Alexander/Illarregui, Gladys

This course explores the works of one or more outstanding authors or on a special theme. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One 300-level SPAN literature course. May be repeated for credit when topics vary. Meets with regular section.*

**SPAN 474-080 Hispanic Cities (Add-On)**

Braham, Persephone

Hispanic Cities: Struggle, Space & Representation. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN 307 or SPAN 308 or SPAN 325 or SPAN 326. Meets with regular section.*

**SPAN 476-080 Media-Savvy Populism from Che to Chavez (Add-On)**

Penix-Tadsen, Phillip

This course examines the discourse and politics in contemporary Latin America. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: SPAN 307 or SPAN 308 or SPAN 325 or SPAN 326. Meets with regular section.*

**SPAN 491-080 Spanish Studies Capstone (Add-On)**

Penix-Tadsen, Phillip

Through intensive research and study of texts and artifacts on a single theme, students will integrate and focus their knowledge of Latin American cultures across several disciplines. Taught in Spanish. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One 400-level SPAN literature or culture course. 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. RESTRICTIONS: Senior-level Spanish Studies and Latin American & Iberian Studies majors only.*

## **Urban Affairs and Public Policy (UAPP)**

### **UAPP 110-080 Changing the World and Public Policy (Add-On)**

David, Nina

Policy is how communities at all levels address their complex challenges in such areas as health, education, energy, urban planning, 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 additional assignments from the instructor aimed at developing students' research and policy analysis skills. *Meets with the regular section. RESTRICTIONS: Open to UAPP majors only. Some seats reserved for incoming first-year majors.*

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

Morrison, K.C.

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

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

Barnes, Philip

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

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

Carter, David

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

## **Women and Gender Studies (WOMS)**

### **WOMS 216-080 Introduction to Feminist Theory (Add-On)**

Naccarelli Reese, Jennifer

This course explores the various theoretical explanations for and solutions to gender inequality. The development of feminist theory will be presented as an intellectual history placing each theoretical framework in conversation with the others covered during the course of the semester. Students will become familiar with a variety of feminist theories including: liberal, Marxist, socialist, transnational, radical, homosexual, multicultural, psychoanalytic, cultural, standpoint, social construction, multiethnic/racial, postmodern, and queer. Our understanding of these theoretical perspectives will be aided by the inclusion of current case studies and class debates. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **WOMS 240-080 Women and Violence (Add-On)**

Sabina, Chiara

This course analyzes a variety of issues and topics relating to women and violence, including rape, domestic violence, images of women in popular culture, incest and child abuse, pornography, sexual harassment and women who use violence. Students are presented descriptive materials and sociological analysis and strategies for change. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **WOMS 330-080 Gender and Sexuality in Ancient Greece and Rome (Add-On)**

Boyd, Marcaline

This course devotes its attention to the lives and representations of women and men in ancient Greece and Rome. We will investigate a wide range of texts, including tragedy, comedy, poetry, philosophy, legal documents, and medical treatises, as well as material culture (e.g. classical sculpture and architecture, images on pots, and wall paintings). This course will also explore gender through the prism of a variety of cultural and social processes: myth, art, legal systems, prostitution, homosexuality, religion, politics, medicine, and family. Throughout this course, we will focus on how gender figures as a central motif in ancient Greece and Rome, and gain, it is hoped, a complete understanding of the role that gender plays in our own society. *Cross-listed with LLCU 330-080. Satisfies Group B requirement. May be repeated three times for credit when topics vary. Meets with the regular section.*

### **WOMS 336-080 Feminist Cultural Studies (Add-On)**

Stetz, Margaret

This course situates cultural forms created by women in historical context. Topics include: novels, poems, television, plays, rituals, film, paintings, music, electronic media, technology, sculpture, food, clothing and/or architecture revealing perspectives of women's time, class, nation, race, and ethnicity. Relates feminism, gender and the production of culture. *PREREQ: WOMS 201.*

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

Miller, Susan

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

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

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

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

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

Department	Course No.	Course Title
<b>Accounting</b>	ACCT 425-080	Strategic Information Systems & Accounting
<b>Animal and Food Science</b>	ANFS 404-080* ANFS 411-080 ANFS 417-080* <b>ANFS 418-080</b> <b>ANFS 421-080</b> ANFS 426-080	Dairy Production Food Science Capstone Beef Cattle and Sheep Production <b>Swine Production</b> <b>Poultry Production</b> Equine Management
<b>Anthropology</b>	ANTH 486-090*◆ ANTH 487-090*◆	Social and Cultural Anthropology Tutorial in Archaeology
<b>Art Conservation</b>	<b>ARTC 495-080</b>	<b>Seminar: Preservation Capstone</b>
<b>Art History</b>	ARTH 405-080 ARTH 413-080 ARTH 415-080 ARTH 435-080 ARTH 445-080	Seminar Seminar: Renaissance Art and Architecture Seminar: Italian and Baroque Art Seminar: American Art Seminar: East Asian Art
<b>Behavioral Health &amp; Nutrition</b>	<b>NTDT 460-080</b> NTDT 475-080 <b>BHAN 490-080</b>	<b>Community Nutrition</b> Transcultural Foods and Cuisine (Hawaii section only) <b>Development of Health Promotion Programs</b>
<b>Biomedical Engineering</b>	BMEG 450-080	Biomedical Engineering Design
<b>Business Admin.</b>	<b>BUAD 441-080*</b> BUAD 478-080	<b>Strategic Management</b> (Honors in fall semester only) Field Projects in Marketing
<b>Civil &amp; Environ. Eng.</b>	<b>CIEG 461-080*</b>	<b>Senior Design Project</b>
<b>Chemical Engineering</b>	CHEG 432-080	Chemical Process Analysis
<b>Cognitive Science</b>	CGSC 485-090◆	Language and Thought
<b>Communication</b>	COMM 490-080	Communication Honors Capstone
<b>Computer and Information Science</b>	<b>CISC 475-080</b>	<b>Advanced Software Engineering</b>
<b>Computer and Electrical Engineering</b>	CPEG/ELEG 499-080	Senior Design II
<b>Economics</b>	ECON 423-080 <b>ECON 435-080</b> <b>ECON 436-080</b> ECON 530-080	Econometric Methods & Models II <b>Contemporary Macroeconomic Policy</b> <b>Seminar in Public Policy Economics</b> Application of Math in Economics
<b>Education</b>	EDUC 470-080	Topics in Education
<b>Energy and Environmental Policy</b>	<b>ENEP 472-080</b>	<b>Senior Thesis</b>

English	<b>ENGL 480-080</b> <b>ENGL 491-080</b>	<b>Seminar: American Mythologies</b> <b>Methods of Teaching Secondary English</b>
Environmental Science/ Studies	ENVR 450-081 ENSC 450-081	Proseminar in Environmental Science Proseminar in Environmental Science
Fashion & Apparel Studies	<b>FASH 484-080</b> <b>FASH 490-080</b>	<b>Design Expressions</b> <b>Strategic Fashion Management</b>
Finance	<b>FINC 413-080</b>	<b>Advanced Corporate Finance</b>
History	<b>HIST 400-085</b>	<b>History Capstone Seminar:</b> <b>Problems in European History</b>
Human Development & Family Studies	<b>HDFS 422-080</b> HDFS 481-080*	<b>Family Relationships</b> Student Teaching Seminar
Hospitality, Business Management	<b>HOSP 489-080</b> <b>HOSP 495-080</b>	<b>HOSP Restaurant Management Practicum II</b> <b>Hospitality Feasibility Studies</b>
Kinesiology & Applied Physiology	<b>KAAP 400-080, 081</b>	<b>Research Methods</b>
Leadership	<b>LEAD 490-080</b>	<b>Senior Capstone</b>
Mathematical Sciences	MATH 380-080♦ <b>MATH 460-080</b> <b>MATH 512-080</b> <b>MATH 530-080</b>	Approaches to Teaching Mathematics <b>Introduction to Systems Biology</b> <b>Contemporary Applications of Mathematics</b> <b>Application of Mathematics in Economics</b>
Mechanical Engineering	MEEG 401-090♦	Senior Design
Medical and Molecular Sciences	MMSC 462-080* MMSC 474-080* MMSC 476-080* MMSC 478-080* MMSC 481-080*	Experiential Learning Clinical Chemistry Practicum Clinical Hematology Practicum Clinical Microbiology Practicum Clinical Immunohematology Practicum
Music	MUSC 695-010	Advanced Analysis and Interpretation
Nursing	NURS 478-080	Clinical: Care of Populations
Nutrition	<b>NTDT 460-080*</b> NTDT 475-080*	<b>Community Nutrition</b> Transcultural Foods and Cuisine (Hawaii section only)
Philosophy	<b>PHIL 465-080</b>	<b>Senior Seminar</b>
Physics	PHYS 660-080	Computational Methods of Physics
Psychology	PSYC 420-080 PSYC 436-080	Mental Illness: Historical and Critical Perspectives Nature vs. Nurture
Spanish	SPAN 490-080 <b>SPAN 491-080</b>	Hispanic Literature <b>Latin American Studies Capstone</b>
Urban Affairs and Public Policy	<b>UAPP 440-080</b>	<b>Contemporary Policy Issues</b>
Women's Studies	WOMS 410-080	Women's Studies Capstone
Honors Program	<b>UNIV 490-080</b>	<b>HNRS Tutorial: Books that Blow Your Mind</b>
Undergraduate Research	<b>UNIV 402-080</b>	<b>Second Semester Senior Thesis</b> <i>(Must be taken for no less than 3 credits.)</i>

---

Please see notes on following page.

**NOTES (indicated by \*):**

ANFS 404 and 417: Offered in alternating springs.

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

BHAN 490: Offered Honors in fall semester only.

BMEG 450: Offered Honors in fall semester only

BUAD 441: Offered Honors in fall semester only.

CHEG 432: Offered Honors in spring semester only.

CPEG/ELEG 499: Offered Honors in spring semester only.

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

CISC 475: Offered Honors in fall semester only.

EDUC 470: Offered Honors in spring semester only.

ENGL 480: Open to ENGL majors only.

HDFS 481: Open to ECED majors only.

MMSC 462, 474, 476, 478, and 481: Open to MMSC majors only.

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

NTDT 460: Offered as an Honors course in fall semester only.

NTDT 475: Offered an Honors section in winter study abroad in alternating years only.

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