



UNIVERSITY OF DELAWARE  
**HONORS COLLEGE**

# Honors Course Booklet Spring 2023

## Course & Registration Information

Honors College  
186 S. College Avenue, Newark, DE 19716  
302-831-1195  
[honors@udel.edu](mailto:honors@udel.edu)

# Honors Forum Classes

## **ARSC 293-080 Honors Forum: Intellect and the Good Life** *(Free-Standing)*

Peters, Ray

This forum is designed for second-year students who want to become thought leaders and change agents. Its focus is putting your brain to good use. We will reflect upon the connection between intellect and the good life and examine the ways intellectuals (broadly defined) work in the world. Our objective is to prepare you to discuss in detail your goals and future plans. Among the questions we will consider are the following: What problem do you want to solve? What issue keeps you awake at night? What role do you want to play in shaping policies—at the local, national, and international levels? How will you conduct yourself ethically in your profession? How does your background shape who you are and who you will become? We will read a number of articles about leadership, the good life, and the role of public intellectuals. Students will write brief response papers, short essays, and a personal statement. *Enrollment by invitation only.*

## **ENGL/ARSC 316-080 Peer Tutoring and Advanced Composition** *(Free-Standing)*

Peters, Ray

ENGL 316 is an advanced composition course with a focus on responding to writing at the college level. Students will receive training in peer tutoring through the study of composition theory, hands-on experience with peer editing and conferencing, and several writing projects. The course will prepare students to tutor peers at many stages of the writing process. In addition, they will learn how to meet the many different needs of students on writing projects typically used in the academic world: exposition, analysis, argumentation, and research. Students who complete this course with a B+ or higher will have the option of working as peer tutors in the Honors College Writing Fellows Program next year. *ENGL 316 satisfies the Arts & Science Second Writing Requirement for students with junior or senior status. Combined with a semester's service as a Writing Fellow, the course also satisfies the Discovery Learning Requirement. Enrollment by invitation only.*

## Honors Degree Seminar

*Open to Honors Degree candidates only. A seminar allows 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 the Arts and Sciences Second Writing requirement. This course is open for Honors Degree candidates to enroll.*

### **UNIV 495-080 Seminar: Darwin: Abolitionism, Altruism, and Art (Free-Standing)**

Jungck, John

What does Darwin have to do with social justice? As our readings and discussions will demonstrate, Darwin and his ideas relate to art, race, justice, responsible citizenship in a global community, collaboration, leadership and much more. Exploring the historical and contemporary influences of the Darwinian Revolution will prepare you as an informed citizen. We will discuss controversial positions, challenge each other, and feel free to disagree. The class will celebrate creativity, civil discourse about participatory democracy, and inclusivity. Be ready for a class characterized by informed debate, originality, and even some quirkiness! In addition to reading Darwin, readings will include Julia Voss: Darwin's Pictures, Phillip Prodger: Darwin's Camera and Pamela Kort, Max Hollein: Darwin, Art, and the Search for Origins. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. *RESTRICTIONS: Open to Honors Degree candidates only. Satisfies Arts and Sciences Group A and Second writing requirements. Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation. [Fill out this form](#) to request a seat in this course.*

# Departmental Courses

## Accounting (ACCT)

### **ACCT 207-080 Accounting I (Add-On)**

Jang, Youngki

This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP), as applied to financial transactions and events that affect business organizations. The course examines the procedures to accumulate, analyze, measure, and record corporate financial transactions. Also covered is the use of financial information to prepare the corporate financial statements, which communicate a company's results of operations and financial position to decision makers outside the organization. In addition to studying the nature of assets, liabilities, and stockholders' equity, the course covers the interpretation of the financial statements. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **ACCT 302-080 Accounting Information Systems (Add-On)**

Geerts, Guido

This course covers accounting information and its place within an organization's overall management information system. Emphasis on information and document flow, internal control, data organization, and analysis, design, development, and audit of computer-based accounting systems. Includes some computer work. *PREREQ: ACCT 208, MISY 160 or CISC 101. Please contact the instructor for the specific honors components and the grading rubric for the honors work. Meets with the regular section.*

### **ACCT 350-080 Business Law I (Add-On)**

Coffin, Roger

This course covers formation, use and performance of contracts, including both Common Law and the Uniform Commercial Code (Article 2, Sales). Other topics covered include product liability, negotiable instruments and accountants' legal liability. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **ACCT 351-080 Business Law II (Add-On)**

Coffin, Roger

This course covers a variety of areas of law, including agency, partnerships, corporations, unfair competition, debtor-creditor relationships, bankruptcy, secured transactions, real and personal property, wills and trusts. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ACCT 350. Meets with the regular section.*

### **ACCT 425-082 Strategic Information Systems and Accounting (Add-On)**

Fico, Joan

This course explores the role of accounting and information systems in accomplishing the strategic goals of the corporation. Students will be exposed to accounting information from large databases, enterprise-wide computing environments, and cases and projects related to strategic problem-solving across functional areas of business. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ACCT 302 and ACCT 316. 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.*

## **Africana Studies (AFRA)**

### **AFRA 392-080 Brazil in the Modern World (Add-On)**

Buckley, Eve

This course examines the history of Brazil over five hundred years, from first indigenous contact with Europeans through independence, urban industrialization, and Brazil's current place on the global stage. It highlights parallels between Brazil's national history and that of other Latin American and developing countries worldwide. Comparisons to U.S. history and culture are also emphasized. Topics include colonial economies and society; gender & class dynamics; slavery, abolition and racial ideologies; poverty & social fracture; and revolutionary political movements. Students will develop an understanding of Brazilian history in the context of the modern Atlantic World and the global economy. Honors students select an independent research topic about which they will write a ten-page paper and present briefly to the class during our final week. *Cross-listed with HIST 392-080. Meets with the regular section.*

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

### **ANFS 102-080 Food For Thought (Add-On)**

Kniel, Kalmia

Students enrolled in the Honors sections will meet with the regular section in which areas and topics of food systems will be covered. In addition, the honors section will meet in a joint session with the honors section of ANFS 305 *Food for Thought* once a week. (K. E. Kniel, instructor). The Honors section will build upon what is taught in the standard sections of the ANFS 102 and ANFS 305 courses regarding contemporary food culture. The course content is different each year to reflect changes in food culture and to accommodate students who take both courses. Honors students will discuss crucial controversial issues related to agriculture and food production today. The culmination of students' learning will be a group presentation to members of the community at Ag Day in April. Ag Day is a community event that brings agriculture and natural resources to life for the approximately 3,000 people who attend each year. Through educational exhibits, tours, and activities, student exhibitors educate everyone, from schoolchildren to homeowners, senior citizens to teenagers, about the world of agriculture and natural resources. *Meets with the regular section.*

### **ANFS 240-080/080L, 081L, 082L, 083L, 085L Functional Anatomy of Domestic Animals (Add-On)**

Gaab, Tara

This course is a study of infectious and non-infectious diseases common to the horse. Principles of pathophysiology, manifestation, prevention, and control of disease will be emphasized.

Approximately one third of course content will include types, cause, prevention, and management of musculoskeletal disease (lameness) in the horse. The Honors section in this class will meet with the regular section, in addition to meeting at a separate time for one hour per week. During these separate one hour sessions, students will learn the basics of identifying and managing common equine diseases and will have an opportunity to hear from other professionals in the industry about their careers and experiences. *Meets with regular section, separate 1-hour honors meeting once per week.*

### **ANFS 300-080 Principles of Animal and Plant Genetics (Add-On)**

Schmidt, Carl

This course is the introduction to the theory and application of genetics as related to the improvement of plants and animals. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with PLSC 300-080. PREREQ: PLSC 101 or BISC 205 or BISC 207 or BISC 208. Meets with the regular section.*

### **ANFS 305-080 Food Science (Add-On)**

Shearer, Adrienne

Students enrolled in the Honors sections will meet with the regular section in which areas and topics of food systems will be covered. In addition, the Honors section will meet in a joint session with the honors section of ANFS 305 *Food for Thought* once a week. (K. E. Kniel, instructor). The Honors section will build upon what is taught in the standard sections of the ANFS 102 and ANFS 305 courses regarding contemporary food culture. The course content is different each year to reflect changes in food culture and to accommodate students who take both classes. Honors students will discuss crucial controversial issues related to agriculture and food production today. The culmination of students' learning will be a group presentation to members of the community at Ag Day in April. Ag Day is a community event that brings agriculture and natural resources to life for the approximately 3,000 people who attend each year. Through educational exhibits, tours, and activities, student exhibitors educate everyone, from schoolchildren to homeowners, senior citizens to teenagers, about the world of agriculture and natural resources. *Meets with the regular section.*

### **ANFS 324-080/081 Equine Disease and Lameness (Add-On)**

Gaab, Tara

This course is a study of infectious and non-infectious diseases common to the horse. Principles of pathophysiology, manifestation, prevention, and control of disease will be emphasized. Approximately one third of course content will include types, cause, prevention, and management of musculoskeletal disease (lameness) in the horse. The Honors section in this class will have an independent project that centers on one of these topics in equine health: Lameness, Colic, Laminitis, Cushing's disease, Nutrition, or Reproduction. The project will involve some out of class observation hours and a written report. *Meets with the regular section.*

### **ANFS 404-080/080L Dairy Production (Add-On)**

Gressley, Tanya

This course is a study of nutrition, reproduction, physiology, health, and management as they relate to modern dairy production. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

### **ANFS 411-080/080L Food Science Capstone (Add-On)**

Joerger, Rolf

With the Food Science Capstone course, students complete their Food Science learning experience by utilizing their accumulated knowledge to develop a novel food product from raw materials to marketplace launch. The work includes the production of a prototype product, creation of packaging including food label, taste testing, market evaluation, cost analysis, and quality control point determinations. The project is carried out by project development groups of three to four students. Honors students are expected to explore the scientific and legal aspects of the food development project in more depth than their classmates and to disseminate relevant findings. This information transfer can be accomplished in the form of book reports, literature reviews or oral presentations to the class. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. This course also satisfies the University Discovery Learning requirement. Meets with the regular section.*

### **ANFS 426-080/080L Equine Management (Add-On)**

Biddle, Amy

This course is the application of scientific principles of nutrition, health care, behavior, reproduction, and farm management to the discipline of horse management. The laboratory provides some hands-on experience. This is intended for students interested in the horse industry. ANFS 220 or previous equine experience is recommended. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Lab may require some out-of-class time for hands-on experience. PREREQ: ANF S101 or ANFS 220, AND ANFS 251 or ANFS 241, or permission of the instructor. 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.*

### **ANFS 449-080 (see below for lab 080L) Food Biotechnology (Add-On)**

Joerger, Rolf

This course provides students with the opportunity to learn about the concepts and experimental techniques of food biotechnology. Specifically, the following topics are discussed: What is "biotechnology?"; History of biotechnology; Domestication of animals and plants; Genetic variation; Microorganisms for food production; Enzymes in food production; Genetic engineering tools; Genetic modification of bacteria, plants and animals; and Social, economical, ecological issues of food biotechnology. Honors students are expected to gain a deeper understanding of these topics by reading books and primary literature. Emphasis is on contemporary issues. Honors students will enrich their learning experience by reporting their findings to the class and by leading discussions on selected topics. *Meets with the regular section.*

### **ANFS 449-080L Food Biotechnology - Lab (Add-On)**

Joerger, Rolf

The lab section of the "Food Biotechnology" course provides students with the opportunity to practice some of the microbiological, molecular and plant science techniques used in biotechnology research. Students choose independent projects in food fermentation and other areas. Honors students are expected to take leadership roles and to provide insights to the group that deepen the understanding of the project and of the technical issues involved. *PREREQ: ANFS 101. Meets with the regular section.*

## **Anthropology (ANTH)**

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

Rocek, Thomas

This course will examine fossil and archaeological records of human biological and cultural evolution. There is an emphasis on how archaeological and biological anthropological research are conducted, and how their treatment of data distinguish them as scientific disciplines. Please contact the instructor for the specific honors components and grading rubric for the honors work. *No prerequisite. Meets with the regular section.*

### **ANTH 331-080 Anthropology and Global Climate Change (Add-On)**

Neitzel, Jill

This course explores global climate change from the perspectives of biological anthropology, archaeology, bio-archaeology, cultural anthropology, and medical anthropology. Compares anthropology's major findings about the human causes and consequences of climate change in the past and present. Considers the practical relevance and ethical implications of these findings for addressing climate-related issues in the contemporary world. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **ANTH 356-080 Anthropology of Childhood (Add-On)**

Rosenberg, Karen

Many aspects of childhood that seem inevitable or natural are, in fact, shaped by culture and not rooted in our biology. Examine childhood from biological and cultural perspectives, examining how humans compare to nonhuman primates and how humans vary today and through time. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **ANTH 486-080 Tutorial - Social and Cultural Anthropology (Add-On)**

Benson, Peter

This course covers history, theory and method in the field of social and cultural anthropology. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Open to majors only. Requires permission of the instructor. 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.*

## **Arabic (ARAB)**

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

Ikram Masmoudi

This course focuses on increasing knowledge of Arabic Grammatical system and improving writing skills. Emphasis is 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.*

## **Arts and Sciences (ARSC)**

### **ARSC 293-080 - See page 2**

Peters, Ray

### **ARSC 301-080 Aesthetics and Education (Add-On)**

Haislip, Yael

This course is geared toward students pursuing careers in education and/or the visual and performing arts. This is an immersive and highly collaborative arts integration methods course in which students will engage in artist workshops, peer teaching, arts integration lesson planning, and group projects. Students will also have the opportunity to work with K-5 students in a local after school program as part of a field experience. Honors students will engage in a collaborative research project exploring an issue in art and education. The project will culminate in a presentation on the topic and a student-facilitated discussion. In accordance with field experience requirements set forth by the School of Education, students must acquire a negative PPD (Mantoux) Tuberculin Test and criminal background check through The Office of Clinical Studies prior to the start of class. *Meets with the regular section.*

### **ARSC 316-080 - See page 2**

Peters, Ray

## **Art Conservation (ARTC)**

### **ARTC 302-080 Care & Preservation Cultural Property II (Add-On)**

Hagerman, Madeline

This undergraduate course will serve as an introduction to the practice of conservation, specifically conservation documentation. Honors students will have the opportunity to delve into methods of photographic analysis for cultural heritage objects, such as UV and IR photography and 3-D imaging, building upon the basics learned in ARTC 302. Students will choose one method to research and present what they have learned to the regular section. *PREREQ: ARTC 301. Meets with the regular section.*

## **Art History (ARTH)**

### **ARTH 154-080/080D Introduction to Art History: Renaissance to Modern (Add-On)**

Werth, Mary

This course covers art and architecture from 1300 to the present studied in historical and cultural context. Topics include art and illusion, the altarpiece, portraiture, the nude, print culture, the changing image of the artist, photography, Impressionism, art and politics, Pop Art, and performance. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section, separate Honors discussion.*

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

Cohen, Kenneth

This course is the introduction to the history, operations and future of museums, historic sites, archives and related cultural organizations. 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. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**ARTH 225-080 Art and Enlightenment (Add-On)**

Giguere, Natalie

This course examines 18th century painting, sculpture, architecture, decorative arts, and material culture in Europe, the Americas and the African diaspora within frameworks of global cultural exchange and Enlightenment science, politics, philosophy and society. Training in critical skills of historical and visual analysis. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

Hill, Jason

This course covers 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. Experience with original works of art. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**ARTH 303-080 Art of the Iberian World 1400-1800 (Add-On)**

Oleas Mogollon, Isabel

This course examines the art of Spain and its New World territories from the 15th to the 18th centuries. Emphasis on the negotiation between different artistic and religious traditions in both the Iberian Peninsula (Christian, Muslim, and Jewish) and the Spanish and Portuguese colonies in the Americas (European, African and Native American). Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**ARTH 402-080 Undergraduate Seminar in the History of Art (Add-On)**

Okoye, Ikem

This course has an emphasis on art historical reading and research. Student oral reports. Recent seminar topics include; Art and Religion in Latin America; Caravaggio; Art of the African Diaspora; Renaissance Rome. 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.*

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

**BHAN 334-081 Health Behavior Assessment (Add-On)**

Peterson, P Michael

This course covers skill development using qualitative and quantitative assessments in health behavior. Methods include focus groups, interviews, questionnaire development, and quantitative assessment of local, state and national level health databases. Please contact the instructor for the specific honors components and the grading rubric for the honors work.

*PREREQ: BHAN 326 and BHAN 332. Meets with the regular section.*

**BHAN 335-080 Health and Aging (Add-On)**

Orsega-Smith, Beth

This course examines the aging process addressed from a biopsychosocial perspective. Particular emphasis is placed on developing understanding of complex interrelations among aging, health and social structure. Honors students have additional assignments designed to deepen their understanding of healthy aging. In particular, students will interview an older adult and write up a case study applying the knowledge gained in the classroom setting. *RESTRICTIONS: Open to HLBH majors only. Meets with the regular section.*

**BHAN 342-081 Introduction to Adapted Physical Activity (Add-On)**

Goodwin, Stephen

This course covers current concepts and trends in adapted physical activity across the lifespan, including skills necessary to prepare meaningful individualized movement experiences for people with special needs. Fieldwork required. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *RESTRICTIONS: Open to the following majors: APN, DIET, EXSC, HLBH, HLST, HPE, NS, SH and the following minors: HPAD and DIST. Meets with the regular section.*

**Biological Sciences (BISC)****BISC 208-084/084L and 085/085L Introductory Biology II and Lab (Free-Standing)**

Hlousek-Radojic, Alenka

The course is based on student centered active learning pedagogies that empower learners to explore organismal biology and ecology in the context of biological evolution. Laboratory work enables students to practice experimental design and data analysis through project based curriculum. Guided and open inquiry lab activities are set up to generate seamless collaborative work between practical and theoretical spheres of the course. Course is based on pedagogies that facilitate development of student metacognitive, collaborative and scientific communication skills while expanding their knowledge of biological concepts. *PREREQ: BISC 207. Priority given to students currently enrolled in Integrated H BISC 207/H CHEM 103. COREQ: Honors CHEM 104/134. Priority given to Honors College first year students. To request a seat in this course, [fill out this form](#). These sections of BISC 208 are integrated with CHEM 104/134.*

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

Trimby, Christopher

Principles underlying function of organisms at the organ system level; ionic composition and regulation, respiration, circulation, nutritive metabolism, excretion and neuromuscular activity. Honors section will be taught with a primarily clinical and applied focus, spending class time on discussion and presentation of clinical cases. Students will use clinical and pathophysiological scenarios to illustrate and explain the basic physiology of organ systems to their peers. *PREREQS: BISC 208 and two semesters of chemistry.*

### **BISC 484-080L Computer Based Genetics Lab (Free-Standing)**

Raden, David / Rondelli, Catherine

This course explores the use of genome databases and the tools of bioinformatics, and then applies those skills to design and carry out wet lab experiments, which will involve the isolation and manipulation of DNA and RNA from human and animal subjects. *PREREQ: BISC401 or BISC403. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. To request a seat in this course, [fill out this form](#).*

## **Biomedical Engineering (BMEG)**

### **BMEG 230-080 Circuits, Signals, Systems for Biomedical Applications (Add-On)**

Khandha, Ashutosh

This course is an introduction to electrical engineering principles applied to biological systems, using MATLAB and LTspice. Course details basic engineering concepts that underlie biomedical systems and signal analysis. Honors students have additional assignments that will pertain to measuring/simulating as well as analysis and interpretation of a biomedical signal like ECG (electrocardiogram). Students will further process the signal using hardware (i.e. physical circuit components) or a software algorithm to detect abnormalities in the electrical activity of the heart. *PREREQ: MATH 242. Meets with the regular section.*

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

Price, Christopher

This course covers mammalian cellular physiology from a quantitative viewpoint. Principles 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. *PREREQS: BMEG 100, BISC 207, CHEM 103/CHEM 133, and MATH 241. Meets with the regular section.*

### **BMEG 311-080 Bioengineering Mechanics II (Add-On)**

Sergi, Fabrizio

This course is an introduction to statics, dynamics and mechanics of solids with application to biomedical problems. Topics include viscoelasticity, particle and 3D kinematics and kinetics, impulse, momentum and energy. Continued from BMEG 310. Honors students have additional assignments that will pertain to neuromusculoskeletal modeling. This will consist of analysis and estimation of muscle forces, joint moments and movements from measurements of neural command such as EMG (electromyogram), during activities of daily living. *PREREQ: BMEG 310 and MATH 305. Meets with the regular section.*

### **BMEG 341-080 Biomedical Experiment Design & Analysis (Add-On)**

Karand, Julie

Biomedical engineering undergraduate students are introduced to the fundamental principles and techniques involved in the design, execution, and interpretation of biomedical research experiments. In addition to introducing students to analytical techniques used for biomedical data and training them how to properly communicate experimental results, students will have an understanding of their professional and ethical responsibilities as biomedical engineers.

Honors students will critically analyze biomedical engineering literature in order to learn from past experimental design and analysis techniques used in real-world applications. *Open to BME students; ENGG students may take with instructor's permission. Meets with the regular section.*

## **Business Administration (BUAD)**

### **BUAD 309-080 Organizational Behavior (Free-Standing)**

Astrove, Stacy

This course examines individual, group, and organizational determinants of work behavior in organizations. Theory and concepts relevant to individual differences, attitudes, motivation, teams, leadership, power, and organizational culture and change are discussed with an emphasis on applying this knowledge to the challenges of management in a variety of organizations. *Open to MKT, MGT, OM, and IBS majors only. RESTRICTIONS: Requires sophomore status.*

### **BUAD 346-080 Analytical Decision Making (Add-On)**

Murphy, Susan

This course offers intensive treatment of topics covered in BUAD 306 to include the investigation and development of the decision making process in an operations environment. There is an emphasis on practical applications. The Honors component will allow students to work in groups and individually on researching and reporting on specific decision making models. Students will report on their suggested application of each of the models to relevant operations problems. *PREREQ: BUAD 306. Open to MKT, MGT, OM, and IBS majors only. RESTRICTIONS: Requires sophomore status. Meets with the regular section.*

### **BUAD 478-080 Field Projects in Marketing (Add-On)**

Staff

Student teams apply knowledge of marketing and business in a "real world" setting, acting as consultants to local, regional, and national profit and not-for-profit businesses, on marketing projects funded by the organizations. Projects involve defining objectives, collecting relevant data, and providing analytically based recommendations to management. Past clients have come from a variety of fields and industries and have been enthusiastic about implementing their team's suggestions. Honors students will work on proposals for follow-up projects that build upon their findings. *PREREQ: 9 credits in marketing including BUAD 302, 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.*

### **BUAD 479-080 Marketing Strategy for the Firm (Add-On)**

Cheng, Andong

This course focuses on applying management decision processes and strategies to the integration of the firm's total marketing mix. Multifaceted problems are studied in firms of various sizes. Students analyze cases, simulations, and other real marketing problems. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. PREREQ: BUAD 302. COREQ: BUAD 476. Meets with the regular section.*

## **Cognitive Science (CGSC)**

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

Andreasen, Robin

Cognitive science is an interdisciplinary field that views the mind as a type of an information processor. In this course, you will learn what this means and how it differs from previous approaches to understanding the mind. We will examine three complementary approaches to the study of mind. One is the idea that the mind is a special type of computer – namely, a formal symbol manipulator that runs on “wetware” instead of hardware. Second, is the idea that human cognition can be modeled in terms of artificial neural networks. The third approach comes from cognitive neuroscience, which aims to explain cognition primarily in terms of brain processes. You will learn about each view and their interrelations by examining specific aspects of cognitive processing – such as vision, object recognition, language acquisition, etc. – as well as cases where the mind does not function properly – e.g., split brain, agnosia, aphasia, and apraxia. This is a free-standing honors course that allows for active discussion and a more in-depth understanding of the material.

### **CGSC 376-080 Introduction to Communication Disorders of Adulthood**

Keator, Lynsey

This course provides an introduction to the field of communication disorders. Examines the complex behaviors of speech, language and hearing and their changes throughout the lifespan, as well as the variety of communication disorders arising from biological, environmental and behavioral factors. *PREREQ: LING101. Meets with the regular section.*

### **CGSC 377-080 Critical Thinking in a Clinical Setting (Add-On)**

Straitman, Nina

This course provides practice in the critical thinking processes that are foundational to evidence-based practice and enable speech pathologists to make reasoned diagnostic and treatment decisions. Examine selected readings to compare treatment strategies. In addition to readings, guided, virtual observation hours (5 or more) will accrue toward the ASHA requirement. Video samples for observation will relate to treatment topics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. PREREQ: CGSC 376. Meets with the regular section.*

### **CGSC 433-080 Introduction to Acoustic Phonetics (Add-On)**

Pincus, Nadya

This course is an introduction to articulatory, acoustic, and perceptual characteristics of speech with emphasis on the acoustic properties of phonemes. While primarily lecture format with assigned text, a few laboratory sessions provide an introduction to computer-based methods used in instrumental studies of speech. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LING 353. Meets with the regular section.*

### **CGSC 496-080 Psycholinguistics (Add-On)**

Staff

This course is an introduction to psycholinguistics, the study of the psychological processing of linguistic information at the levels of speech sounds, words, memory, sentences and meaning. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: LING 101 and LING 202. Meets with the regular section.*

## **Chemical Engineering (CHEG)**

### **CHEG 112-080/080L-083L Introduction to Chemical Engineering (Add-On)**

Enzer, Joshua / Blenner, Mark

This course examines the development of quantitative models for physical systems using a combination of conservation principles and carefully focused experimental data. It stresses the conservation of matter and energy. Honors students will complete additional readings on the importance of diversity and inclusion in the STEM (Science, Technology, Engineering, and Mathematics) disciplines. As parts of assignments across the semester, they will be expected to contribute to online discussion boards as they relate these readings to their work as students and as engineers. *PREREQ: C- or better in MATH 241. COREQ: MATH 242. Open to first-year Honors College CHEG majors only. Meets with the regular section.*

### **CHEG 304-080 Random Variability in Chemical Process (Add-On)**

Enszer, Joshua

This course offers a fundamental approach to characterization and analysis of randomly varying phenomena. Students will learn to apply the basic principles, methods, and tools in probability and statistics for solving engineering problems involving random phenomena. Applications will include chemical process analysis, manufacturing, system reliability, and design of experiments. Honors students will participate in a semester-long project to use probability and statistics tools for applications outside the scope of the main lecture section. Students will practice oral and written communication via brief but regular project updates for the duration of the project. *COREQ: MATH 302 or MATH 305. Meets with the regular section.*

### **CHEG 432-080 Chemical Process Analysis (Add-On)**

Hartt, William

This course will study the economic, energy utilization, and environmental principles of conceptual process design. The optimization of a design along with the safety and ethics issues are taught by several case process synthesis studies. Aspen software is used. The Honors component consists of (1) on-line moderated discussions using the CANVAS discussion tool on the subject of Team Building based on Patrick Lencioni's "The Five Dysfunctions of a Team", (2) application of certain tools that go with the Lencioni book, and (3) a short report on the impact of the team building study within each Honors section member's project team. *PREREQ: A minimum grade of C- in CHEG 332, CHEG 401 and CHEG 431. Open to Honors Degree candidates only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Chemistry & Biochemistry (CHEM)**

### **CHEM 104-080/080D/081D/082D General Chemistry (Free-Standing)**

Compton, Shara

CHEM 104 Honors is the second half of an Honors course in general chemistry designed for students majoring in sciences other than chemistry. The broad goals of this course are: to illustrate, through an examination of the fundamental principles of chemistry, how the structure and reactions of matter at the atomic and molecular (microscopic) level lead naturally to the observed (macroscopic) properties and behavior of the material world; to make obvious the experimental nature of chemistry and the underlying process of scientific inquiry that led to the discovery of these principles; to emphasize connections between chemistry and the other sciences, the role of chemical phenomena in the "real world," and the relationship of chemistry to the concerns of the individual and society; to encourage independent learning by fostering the ability to recognize when information is needed, the type of information required, and where/how to find it; to develop skills in qualitative and quantitative reasoning, problem solving and critical thinking, experimental design and analysis, visualization of molecular phenomena, clear communication of ideas, and using the resources of a group effectively in tackling problems. *PREREQ: CHEM 103*

### **CHEM 104-084/084D & 085/085D and CHEM 134-084L/085L General Chemistry Life Sciences II (Free-Standing)**

Fajardo, Jacqueline

This course focuses on thermodynamics & energetics, chemical kinetics, and principles of equilibrium among all states of matter and in aqueous solutions such as acids and bases, electrochemistry, and nuclear chemistry. It covers principles of chemistry, with applications to biology and the other life sciences. Includes weekly laboratory work and a discussion section meeting. The Honors format is a combination of active, cooperative, and problem-based learning techniques supplemented by a framework of mini-lectures, rather than the traditional straight lecture. These courses are intended to allow students to take further chemistry courses if desired or needed. *PREREQ: CHEM 103. This section of Honors CHEM 104 is integrated with Honors BISC 208. Priority given to students currently enrolled in Integrated H BISC 207/H CHEM 103/133. Priority given to Honors College first year students. To request a seat in this course, [fill out this form](#). These sections of CHEM 104/134 are integrated with BISC 208.*

### **CHEM 112-080/080D General Chemistry (Free-Standing)**

Compton, Shara / Collison, Darrell

CHEM 112 Honors is the second half of a year-long, in-depth exploration of fundamental principles underlying modern chemistry and biochemistry for biochemistry, chemistry, chemical engineering, and environmental engineering majors. CHEM 112 Honors focuses on interactions among molecules. Topics addressed include condensed phases of matter, solutions, acid-base and solvent systems, kinetics, thermodynamics, electrochemistry, nuclear chemistry, and introductory organic and coordination chemistry. Examples and applications are drawn from a variety of disciplines and situations to illustrate the power of "thinking molecularly" in modern science. 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 112 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: CHEM III.*

### **CHEM 120-080/080L/081L Quantitative Chemistry (Add-On / Free-Standing)**

Beebe, Thomas

This course covers the theory and experiments of aqueous ionic solutions (acids, bases, buffers, redox, complexation, solubility, activity coefficients); analytical spectrophotometry; chromatography and chemical separations; mass spectrometry. Calculator and Excel skills are essential. There will be both individual and group laboratory experiments. *Open to Honors College BIOC and CHEM majors only. PREREQ: CHEM 103 or CHEM 111 and CHEM 115. COREQ: CHEM 112. Lecture meets with the regular section, labs are free-standing*

### **CHEM 334-080L Organic Chemistry Majors Lab (Free-Standing)**

Fox, Joseph

This course gives students an opportunity to perform organic chemistry research in a faculty research lab, instead of the standard prescribed experiments in Chem 334. This research will normally occur in the Department of Chemistry & Biochemistry, but can also be in other departments with prior approval. The research must have a significant component of organic synthesis to fulfill the Chem 334H criteria. Space is limited in Chem 334H, so students must apply. Interested students should contact the instructor for information on the application process. Students will decide on a project and schedule with their faculty mentor. *Open to Honors College BIOC and CHEM majors only. PREREQ: CHEM 333 COREQ: CHEM 332.*

### **CHEM 444-080 Physical Chemistry II (Free-Standing)**

Perilla, Juan

This course is the application of the principles and methods of physics and mathematics to the quantitative study of chemistry, focusing on kinetics and quantum mechanics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: CHEM 120, or CHEM 220 and CHEM 221; MATH 242 (MATH 243 recommended); PHYS 208 (recommended) or PHYS 202. RESTRICTIONS: CHEM 419 and CHEM 444 cannot both be counted toward graduation.*

### **CHEM 458-080L Inorganic Chemistry Lab (Free-Standing)**

Bobev, Svilen

Instead of participating in the regular laboratory for CHEM 457, students enrolling in the Honors section have the opportunity to learn the experimental techniques of inorganic chemistry through participation in on-going research in one of the inorganic chemistry research laboratories. Interested students should contact a faculty member doing inorganic research who is able to have you work in his/her lab on a project that involves typical inorganic lab techniques (e.g., anaerobic or vacuum line work, ligand synthesis, magnetic measurements, inorganic spectroscopy.) Together, you and your faculty mentor will decide on a project and lab schedule. *Open to Honors College BIOC and CHEM majors only. COREQ: CHEM 457.*

## **Chinese (CHIN)**

### **CHIN 204-081/082 The Art of Chinese Calligraphy (Add-On)**

Cai, Jie

This course is an introduction to the rich art of Chinese calligraphy that has a long history of over 2,000 years. Explore the evolution of Chinese characters, the aesthetics of Chinese calligraphy, various kinds of intriguing ink and brush writing. Students will learn how to use a brush pen and some basics of Chinese painting and be able to paint simple objects. Please

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

### **CHIN 205-080 Chinese Conversation (Add-On)**

Yang, Haihong

This course covers practical use of Mandarin Chinese by means of oral reports on a variety of topics including family, school, and work life. Emphasis on improvement of conversational skills for social situations which require grammatical and written competence. Please contact the instructor for the specific honors components and the grading rubric for the honors work.

*PREREQ: CHIN 107 or instructor permission. Meets with the regular section.*

### **CHIN 367-080 Seminar: Society and Family in Contemporary Chinese Film (Add-On)**

Dong, Zhiyin

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

### **CHIN 455-080 Classical Chinese (Add-On)**

Yang, Haihong

This course includes basic training in classical Chinese, the gem of the Chinese language. Introduces students to basic grammatical structures of classical Chinese, its syntactic patterns and historical development, as well as providing comparison with modern vernacular Chinese. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: One CHIN course at the 300 level. Meets with the regular section.*

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

### **CIEG 161-080/080L Introduction to Civil Engineering Design (Add-On)**

Hsu, Tianjin / Jayne, Allen / Loller, Glen

This course is an introduction to engineering analysis and design methods. Elementary theory with design applications to transportation, fluids, and structural systems are introduced through group activities. Additionally, engineering issues related to surveying, land planning and development, and sustainability are discussed. Computer applications using computer-aided drafting and engineering analysis software are also included. Honors students will complete additional research and assignments. The lab is an introduction to computer aided drafting utilizing one of today's standard software packages. The use of CAD in engineering documents will be covered with basic drawing commands, drawing setup, and manipulation of entities. Students will be exposed to a blended learning experience by utilizing a required web based online portion of work. Lab times will be spent reinforcing the online material. Students will be given their own version of the latest CAD software. *Lab meets every other week. Meets with the regular section.*

### **CIEG 191-080 Introduction to Construction Engineering and Management (Add-On)**

Siddiqui, Mohsin

This course is an introduction to the construction engineering and management profession, an overview of the construction industry, the parties involved and organization for project delivery, the project life-cycle and life-cycle costing, engineering economics, forms and conditions of contract and contract changes, and current topics within construction engineering. Introduced to BIM and other tools central to future practice in the profession. Please contact the instructor

for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **CIEG 315-080 Probability and Statistics for Engineers (Add-On)**

Nejad, Mark

In this course, we explore the role of chance and variability in engineering activities. Topics include set operations, probability, Bayes' theorem, random variables, descriptive statistics, common probability distributions, statistical estimation and inference, and regression analyses. Students in the Honors section will have a few extra assignments to delve into the material more deeply and in creative ways. This includes, for example, developing a lesson to teach a probability concept to someone else, using descriptive statistics to describe a dataset of your choice, and conducting a critical review of an article from the mainstream media that contains probability or statistical information. *PREREQ: MATH 242. Meets with the regular section.*

### **CIEG 343-080 Site Engineering (Add-On)**

Balascio, Carmine

This course is an introduction to land grading, site layout, drainage, earthwork volumes and erosion and sediment control for landscape and construction sites. Additional assignments for Honors students include advanced work with site plans using CAD and hydrologic models. May include collection of field data. *PREREQ: LARC/CIEG 222 or LARC 150, or CIEG 161 or APEC 480 or GEOG 250 or GEOG 372. Meets with the regular section. Cross-listed with LARC 343.*

### **CIEG 392-080 Construction Planning and Scheduling (Add-On)**

Siddiqui, Mohsin

This course includes planning, work/project/organizational breakdown structures, resource planning, time scheduling, Gantt charts, network and precedence diagrams, time-cost tradeoffs, PERT, baselining and updating, using industry leading software. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: CIEG 291. Meets with the regular section.*

### **CIEG 394-080 Construction Law and Regulations (Add-On)**

Siddiqui, Mohsin

This course covers the legal aspects of construction practice. Sources of law, standardized contracts, contract forms and payment structures, responsibilities of parties to contract, torts and liens, arbitration and indemnification, general and special conditions, defects and warranties. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: CIEG 191. Meets with the regular section.*

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

Perdick, Garrett / McNew, Jason / Jayne, Allen / Lee, Earl

Seniors split into four disciplines (civil-site, environmental, structures, or transportation) and form teams to win the commission then perform the preliminary engineering for a complex, multi-discipline project. Four practicing professionals serve as discipline instructors. Younger engineers, all in private practice, serve as team mentors. Students produce eight team deliverables over two semesters, in addition to an individual technical assignment, and an individual proposal assignment. Honors students produce and present a collective critique of main elements of the course at the end of both semesters. *Open to senior CIEG majors only. PREREQ: CIEG 302, CIEG 321, CIEG 331, and CIEG 351 or CO-REQ: CIEG 337, CIEG 438, and CIEG 440. RESTRICTIONS: Requires senior status in engineering. 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.

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

Lee, Earl

The goal of this course is for students to understand the principles of planning, controlling, and evaluating engineering projects. 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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. Meets with the regular section.

## **Computer Science (CISC)**

### **CISC 106-080/080L General Computer Science for Engineers (Free-Standing)**

Hsu, Leighanne

This course covers 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 and CISC 108.

### **CISC 181-080/080L Introduction to Computer Science II (Free-Standing)**

Harvey, Terrence

In this course, principles of computer science are illustrated and applied through programming in a commercially-used object oriented language. Programming projects illustrate computational problems, styles and issues that arise in computer systems development and in all application areas of computation. PREREQ: Grade of C- or better in CISC 106 or CISC 108. COREQ: MATH 221, MATH 241, or a higher level math course or math placement. Priority given to CISC and INSY majors.

### **CISC 210-080/080L Introduction to Systems Programming (Free-Standing)**

Roosen, Andrew

This course examines principles of computer systems programming for software and hardware platforms to achieve efficient resource usage. Topics include the C programming language, memory management, and awareness of system constraints and interfacing. Projects include programming embedded systems and interactive objects. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. PREREQ: A grade of C- or better in CISC 106 or CISC 108. COREQ: MATH 221 or MATH 241 or a higher level math course or math placement. Meets with the regular section.

### **CISC 499-080/080L Computer Science Senior Design Project II (Add-On)**

Keffer, Jeremy

Continuation of CISC 498. Please contact the instructor for the specific honors components and the grading rubric for the honors work. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. PREREQ: CISC 498. Meets with the regular section.

## **Communication (COMM)**

### **COMM 301-080 Introduction to Communication Research Methods (Add-On)**

Hoffman, Lindsay

At the University of Delaware, communication is defined, studied, and taught as a social science. Accordingly, this course is designed to introduce students to the processes, practices, and procedures which are used by communication researchers in the conduct of their empirical research. Students will learn the logic and thinking processes used by social scientists as they approach the study of human communication. Students will also learn what constitutes appropriate evidence for the acceptance of empirical research findings as “new knowledge.” Please note: this course will emphasize logical thinking, not mathematics. Any student who can add, subtract, multiply and divide (with a calculator!) is sufficiently skilled in math for the purposes of this course. The Honors add-on section will give students the opportunity to apply what they are learning in COMM 301 to propose an original research project. Students will define a research idea, examine prior research on the topic, frame hypotheses and/or research questions, design the study and propose how they would analyze the data. *PREREQ: COMM 256 or COMM 245 or COMM 230. Open to COMI majors only. Not open to freshmen. Meets with the regular section.*

### **COMM 452-080 Communication and Persuasion (Add-On)**

Holden, Tracey

This course is an examination of how influence is created and resisted through communication in various settings, including personal relationships, public relations, advertising and political campaigns. Emphasis on contemporary theories of persuasion and attitude change, with applications to the various content areas studied. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **COMM 490-080D Honors Capstone (Free-Standing)**

Brewer, Paul

This course provides a capstone experience for Communication Honors majors. Students will conduct original research about an interpersonal and/or media communication topic of their choice. Research will be carried out in small groups, assisted by the instructor. Students will present their findings at a departmental research colloquium at the end of the semester. *Meeting days/times and location to be determined. Students registered in this course will be notified by the instructor. Restricted to Honors Communication majors. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation.*

## **Computer & Electrical Engineering (CPEG)**

### **CPEG 202-080 Introduction to Digital Systems (Add-on)**

Lazarus, Nathan

This course includes analysis and design of logic circuits. Topics include: Boolean algebra and its application to switching circuits, simplification of switching functions, design of logic circuits at gate level and with MSI and LSI components. Analysis and design of synchronous and asynchronous sequential state machines. Honors students have additional assignments which

will be included in the class project. These assignments are designed to deepen their understanding of the material covered in the course and challenge them to apply the concepts taught to practical application. *Meets with the regular section.*

### **CPEG 499-080 Senior Design II (Add-On)**

Cotton, Charles / Martin, Richard

This course examines design hardware and software systems in many domains including: control, robotics, signal processing, computers/devices, and communications. Students select projects from external sponsor problem descriptions or propose a self-defined problem and form a small team to address a major design problem over the two semester course sequence. Teams write a project proposal which defines the problem, sets goals and constraints (e.g. time, budget, performance, etc.) and the approach to the problem. Design, ongoing oral and written communication, experimentation, and implementation, and final testing make up the majority of class efforts. Ongoing effort status is recorded on a project web site (wiki). Each semester, mid-point and final presentations and reports are presented to sponsors and faculty. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with ELEG 499-080. 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.*

## **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 the grading rubric for the honors work. *Cross-listed with LEST 301-080. Meets with the regular section.*

## **Economics (ECON)**

### **ECON 101-080 Introduction to Microeconomics (Free-Standing)**

Grubb, Farley

This course covers basic microeconomics, including the introduction of demand and supply, perfect and imperfect competition, government regulation, and international trade. Time permitting, this course will cover additional topics such as game theory, risk and auctions. The material is both mathematical and abstract, but should be accessible to any hard-working college student. *CO or PREREQ: One of the following: MATH 114, MATH 115, MATH 117, MATH 221, MATH 241, MATH 242, or MATH 243.*

### **ECON 103-080 Introduction to Macroeconomics (Free-Standing)**

Soares, Jorge

This course analyzes the determinants of unemployment, inflation, national income, and policy issues relating to how the government alters unemployment and inflation through control of government spending, taxes and money supply. *PREREQ: ECON 101.*

### **ECON 103-081 Introduction to Macroeconomics (Free-Standing)**

Bridges, Thomas

This course analyzes the determinants of unemployment, inflation, national income, and policy issues relating to how the government alters unemployment and inflation through control of government spending, taxes and money supply. *PREREQ: ECON 101.*

### **ECON 304-080 Quantitative Macroeconomic Theory (Free-Standing)**

Beck, Stacie

In this course, students will use calculus and economic tools to introduce the theoretical analysis of the aggregate economy. Topics include aggregation and measurement, business cycle measurement, economic welfare theorems, search and unemployment, economic growth, intertemporal decisions of consumers and firms, credit market imperfections, and business cycle models. *Must earn C- or better in ECON 103, ECON 301, and MATH 221 or MATH 241. Credit can be earned for only one among ECON 303 and ECON 304. B.S. majors must take ECON 304.*

### **ECON 340-080 International Economics (Add-On)**

Wang, Siyan

This course covers theory, problems and policy in international trade and finance with emphasis on developments since World War II. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ECON 101 and ECON 103. Meets with the regular section.*

### **ECON 423-080 Econometric Methods and Models II (Add-On)**

Falaris, Evangelos

This course will include class discussion and research in advanced economic statistics and applied econometrics. All students will complete a research project that applies methods learned in the course. Honors students will complete research projects of a wider-ranging scope than the projects of the students in the regular section. *PREREQ: ECON 422. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

Soares, Jorge

This course investigates current topics in economics, such as healthcare reform, privatizing social security, international trade restrictions and energy policy. Recent books and journal articles serve as a basis for investigating these topics. Student papers and class discussion form the essences of class sessions. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: One of ECON251, ECON255, ECON300 or ECON301; and ECON303 or ECON304. 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.*

## **Education (EDUC)**

### **EDUC 247-080 Beginning Literacy Instruction (Add-On)**

Wasson, Ellis

This course examines American elementary and secondary schools from the colonial era to the 1980s, with particular attention to issues of expansion, diversity, reform, and the law. Please contact the

instructor for the specific honors components and the grading rubric for the honors work. *Some seats are held for Honors ETE majors. Meets with the regular section.*

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

Coker, David

EDUC 310 addresses the literacy development of students in elementary school. A primary focus is empirical research on relevant instructional practices. Classroom meetings are complemented by two, week-long field experiences and five single-day field experiences, which require students to teach a variety of lessons. Honors students have additional assignments designed to deepen their understanding of effective literacy instruction. For one assignment, students analyze a literacy lesson they observe and meet as a group with the professor to discuss their analyses. For the other assignment, students either teach an enrichment lesson in their field placement or evaluate an article from the professional literature that connects with effective instructional practices. *Open to ETE majors only. PREREQ: EDUC 210. Meets with the regular section.*

**EDUC 390-080 Classroom Management for 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. There is emphasis placed on learning core concepts and practical research-based strategies. Field experience is included. Honors students have additional assignments designed to deepen their understanding of creating positive and effective classroom learning environments. Students will research different models of classroom management, focusing on different perspectives and what research shares about the effectiveness. Students will create a presentation of the models, present to the class, and lead a discussion on the pros and cons of the components of the models that they research, making connections to what the class has learned about effective classroom management. *Open to ETE majors only. Meets with the regular section.*

**EDUC 403-080 Literature for Adolescents: Multimedia Texts (Add-On)**

Lewis, William

This course explores classic and contemporary reading materials and non-print texts pervasive in the lives of adolescents. It addresses the selection of texts for middle school classes as well as techniques for developing and promoting critical reading and informed interpretation of non-print texts. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**EDUC 435-083 Education Evaluation for Exceptional Learners (Add-On)**

Ritchey, Kristen

This course prepares special education teachers to participate in the evaluation of students with disabilities. Examines legal, ethical, and professional requirements. Includes administration, scoring, and interpretation of informal and formal academic tests, including screening and progress monitoring tools. Field placement required. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: EDUC 230, EDUC 451. COREQ: EDUC 400. Meets with the regular section.*

### **EDUC 451-080/081 Educational Assessment for Classroom Teachers (Add-On)**

Kotch-Jester, Stephanie

This course explores principles and methods for construction and evaluation of student learning assessments, including knowledge, understanding and skills. Presents methods to enhance teacher inquiry into student learning. Considers strengths and limitations of each method in regard to informing teachers' judgements. Discusses implications of assessment policy. Honors students will investigate and develop a presentation on a recent innovation in summative assessment, formative assessment, or progress monitoring. They will use research to examine the rationale for the practice, implementation issues, resource costs and evidence on student outcomes. *Meets with the regular section.*

### **EDUC 470-080 Topics in Education (Add-On)**

Blacker, David

This course examines selected education controversies in their broader philosophical and/or historical contexts. It draws upon and connects ideas from other education courses. The course is based on students' learning activism and will involve students' designing their own learning projects and activities based on their own educational interests and guided by the instructor. *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 prior to graduation. Meets with the regular section.*

## **Electrical Engineering (ELEG)**

### **ELEG 305-080/080D Signals and Systems (Add-On)**

Cimini, Leonard

This course examines continuous and discrete-time signals and systems at the introductory level. It introduces Z, Laplace, and Fourier transforms and uses these to solve difference and differential equations arising from circuit theory and signal processing and presents theory of linear and causal systems. Students registered in Honors for this class will be involved in an additional discussion section, which introduces content beyond the general class: specifically, non-linear, adaptive, and random systems. They will also be required to complete a semester-long project that reflects an application of such systems. *PREREQ: MATH 242. Meets with the regular section.*

### **ELEG 309-080/080L Electronic Circuit Analysis I (Add-On)**

Saxena, Vishal

This course is an introduction to physical principles of solid-state electronic circuits. Topics include: quantitative study of elementary circuits including biasing, linear amplifiers, low-frequency small signal analysis, multiple transistor circuits and feedback. The Honors component includes additional assignments related to the course syllabus. *PREREQ: ELEG 205. Meets with the regular section.*

### **ELEG 499-080 Senior Design II (Add-On)**

Cotton, Charles / Martin, Richard

This course examines design hardware and software systems in many domains including: control, robotics, signal processing, computers/devices, and communications. Students select

projects from external sponsor problem descriptions or propose a self-defined problem and form a small team to address a major design problem over the two semester course sequence. Teams write a project proposal which defines the problem, sets goals and constraints (e.g. time, budget, performance, etc.) and the approach to the problem. Design, ongoing oral and written communication, experimentation, and implementation, and final testing make up the majority of class efforts. Ongoing effort status is recorded on a project web site (wiki). Each semester, mid-point and final presentations and reports are presented to sponsors and faculty. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Cross-listed with CPEG 499-080. 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.*

## **Energy and Environmental Policy (ENEP)**

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

Taylor, Casey

This course serves as an introduction to the topic of energy and environmental policy. Our use and development of energy resources is highly interconnected to issues of environmental concern---many of our most pressing environmental issues are related to our energy use, and vice versa. Throughout the semester, we will explore the political and social dynamics of our energy and environmental challenges through the lenses of public policy and collective action, tackling subjects such as energy politics, environmental sustainability, and environmental justice, both within the United States and internationally. This course takes an interactive, student-directed approach to learning--students should expect class participation and engagement to be a major focus. The Honors section of this course will take on a leadership role in helping the class plan, document, and assess their activities throughout the semester. *Meets with the regular section.*

### **ENEP 472-080 Senior Thesis**

David, Nina / Taylor, Casey

This course includes advanced senior research in the areas of energy and environmental policy under the direction and subject to approval of a program faculty advisor. Requires original research and application of energy and environmental theory and policy analysis on an energy and environmental problem. Students will be asked to reflect on what they have learned through this process. 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.*

## **English (ENGL)**

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

Leitch, Thomas

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. 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 316-080 Peer Tutoring/Adv Composition – See Page 2**

Peters, Ray

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

Bieler, Deborah

This course inquires into the intersections of language and power: how power functions in and through language, and especially how language can perpetuate and/or interrupt social inequality. These sociolinguistic phenomena are happening all around us all the time, and this course will train you to notice them. You will acquire numerous practical tools for analyzing a wide variety of texts, such as in-person conversations, online interactions, speeches, news media, websites, novels, magazines, mission statements, and policies. These skills are empowering in any career area you enter—education, law, the social sciences, writing, and research, for example—but are truly essential for all of us as we seek fully present, critical participation in daily and civic life. Honors students in the course will read and discuss 1-2 additional chapters or articles and will learn to conduct and present a brief analysis of spoken discourse. Meets with the regular section. *Meets with the regular section.*

### **ENGL 480-080 Literary Studies Seminar: 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. After you begin with a number of brief assignments, I'll ask you to conclude with 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. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

## **Environmental Science (ENSC/ENVR)**

### **ENSC/ENVR 450-081 Proseminar in Environmental Science (Add-On)**

Levia, Delphis

This course will include lively discussions of the history and state of environmental science as viewed through the lens of the three pillars of sustainability: economics, environment, and social equity. As a second writing course for the university, students will research and present, both through scientific writing and oral presentations, a semester-long exploration of a current environmental problem. Honors students will work together so their individual research problems will create a cohesive project for the semester. *Open to honors Environmental Science, Environmental Studies, and Meteorology majors only, or permission of the instructor. 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.*

### **ENSC 468-080 Honors: Directed Research**

Levia, Delphis

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

## **Environmental Studies**

### **ENVR/ENSC 450-081 Proseminar in Environmental Science (Add-On)**

Levia, Delphis

This course will include lively discussions of the history and state of environmental science as viewed through the lens of the three pillars of sustainability: economics, environment, and social equity. As a second writing course for the university, students will research and present, both through scientific writing and oral presentations, a semester-long exploration of a current environmental problem. Honors students will work together so their individual research problems will create a cohesive project for the semester. *Open to honors Environmental Science, Environmental Studies, and Meteorology majors only, or permission of the instructor. 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.*

## **Fashion & Apparel Studies (FASH)**

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

Hall, Martha

This course focuses on the concepts of apparel product development: The product development calendar, the components of a garment and how the garment is assembled, sizing, fit, costing, garment specifications, and the apparel production process. Honors students have additional assignments to read and evaluate articles from the professional literature that deepen their understanding of course materials. Students will have bi-weekly meetings with the instructor throughout the semester to discuss current issues/controversies in the apparel industry. *Meets with the regular section.*

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

Gorea, Adriana

This course covers fundamental concepts related to yarns, fabric, structures, coloration and finishes. Emphasis placed upon structural properties as they related to end-use characteristics and finishing processes. Discusses environmental problems related to textile production, dyeing and finishing. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FASH 215. Meets with the regular section.*

### **FASH 355-080 Global Fashion consumer and Retailers (Add-On)**

Kim, Hye-Shin

This course covers global and country specific factors that impact distribution systems for and consumption of fashion related products. Understanding consumers of fashion products within

a global context and motivations for pursuing a global marketing and retailing strategy. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FASH 218 or BUAD 301. Meets with the 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 a course related project in collaboration with a fashion company. Students will have the opportunity to apply their knowledge to real-world situations/challenges and be able to make connections between the classroom and the industry. *PREREQ: FASH 330. Meets with the regular section.*

### **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 requiring analysis, synthesis and application of knowledge and skills within the global apparel industry. Honors students will work with the instructor to develop a project that delves deeper into an industry challenge and offers an opportunity to a more comprehensive understanding of the issues. There is flexibility in the Honors component in order to meet the specific needs of the Honors student. In the past, students have participated in regional conferences, field trips, job shadow experiences or other unique opportunities and created a project around the experience. *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.*

## **Finance (FINC)**

### **FINC 311-080 Principles of Finance (Free-Standing)**

Redding, Maurice

This course introduces fundamental techniques and concepts related to the financial management of business firms. Topics include the time value of money, valuation, capital budgeting, working capital management, cost of capital, capital structure analysis, short and long term financing. Honors students will have additional assignments to apply what they learn in class to a real world company. Students will select a publicly traded company of their choosing and do a series of assignments that take the principles learned in the classroom and apply them to analyzing their selected company. *PREREQ: ACCT 207 and MATH 201. PREREQ for HRIM majors: ACCT 207 and MATH 201 or STAT 200. RESTRICTIONS: Not open to freshmen. Open to students whose major requires this course.*

### **FINC 314-080 Investments (Free-Standing)**

Gelman, Michael

The course covers principles of Investments including analysis of investment decisions and financial markets. The topics covered include market structure, risk-return tradeoff, concepts of diversification and efficient frontier, Capital Asset Pricing Model, the notion of market efficiency, behavioral finance, bond valuation, security analysis, and derivatives. This course will provide you the basics for a career in the investment industry and/or related fields. The Honors students will be required to choose a company, follow its business news during the semester, and write an essay to evaluate the company. The Honors students will be required to implement the

merger arbitrage trading strategy using real stock market data and analyze the risk and profits of this strategy. *PREREQ: MATH 202 or MISY 262 and FINC 311. RESTRICTIONS: Grade of C- or better required in MATH 201 and MATH 202 or MISY 262 and FINC 311. Open to junior and senior FINC and ACCT majors only.*

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

Stocker, John

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. The course emphasizes reports, exercises, cases, discussions, presentations, and analysis of financial news. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FINC 311, FINC 312, FINC 314. 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.*

## **French (FREN)**

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

Alalou, Ali

This course provides a comprehensive grammar review contextualized in excerpts from literary works from French and Francophone literature. Responding to comprehension questions, writing short assignments and essays, and completing grammar exercises from the text and workbook will foster the correct usage of the language. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FREN 107 or FREN 112. Meets with the regular section.*

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

Poindexter, Flora

This course includes reading and discussion of French literature and the writing of short papers. The emphasis of the course is on improving critical reading skills and on writing formal analyses of literature. Students will be introduced to several literary movements. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FREN 200 (minimum grade of C) or FREN 107 (minimum grade of A-) or FREN 112 (minimum grade of A-). Meets with the regular section.*

### **FREN 302-080 Love, Passion, Faith and Death (Add-On)**

Sankara, Edgard

This course includes an approach to French literature from the Renaissance to the contemporary era focusing on the themes of love, passion, faith and death, with particular attention to the historical context of the works studied. Through the exploration of poems and theater by major authors including Ronsard, Corneille, Hugo, and Baudelaire, the course fosters understanding of French culture, history, and institutions. Honors students will have additional assignments designed to deepen their understanding of French literature and civilization. For instance, honors students will meet with the professor via Zoom and make a 20mn long presentation in French in order to discuss their research findings. For another assignment, honors students will write a 2,500 words research paper in the target language focusing on

works that are connected with the themes of the course. *PREREQ: FREN 211 and any 200-level course taught in the French language. Meets with the regular section.*

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

Oancea, Ana

This course includes a variable-topic course examining French and/or Francophone literature in its historical and cultural contexts. Teaches 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 and any 200-level course taught in the French language. Meets with the regular section.*

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

Alalou, Ali

This course includes 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, Themes (Add-On)**

Staff

This course examines works of one or more outstanding authors or on a special theme. *PREREQS: Two 300-level French courses, including at least ONE of: FREN 301, 302, or 303*  
*RESTRICTIONS: May be repeated for credit when topics vary. Meets with the regular section.*

## **Game Studies and ESports (GAME)**

### **GAME 351-080 Videogames and Japanese Culture (Add-On)**

Hutchinson, Rachael

This course examines Japanese video games from both a ludological and narratological perspective. Genres studies include the JRPG, stealth action, simulation and fighting games. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **GAME 352-080 Videogames and Latin American Culture (Add-On)**

Penix-Tadsen, Phillip

This course explores the relationship between videogames and culture by analyzing both in-game cultural representation and the real-life economic, political and societal effects of games across Latin America. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **Geography (GEOG)**

### **GEOG 220-080 Meteorology (Add-On)**

Leathers, Daniel

This course is an analysis of the atmosphere, weather elements, air masses, fronts and storms. Principles of weather forecasting, especially as it relates to severe weather. Please contact the

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

**GEOG 341-080 Climate and Climate Change (Add-On)**

Veron, Dana

This course provides understanding of the earth's climate and how the climate is changing is a fundamental part of modern earth system science. Explores the scientific basis for the study of climate and climate change, including long term and modern change, with a discussion of current topics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **Geology (GEOL)**

**GEOL 105-080 Geological Hazards and their Human Impact (Add-On)**

Achang, Mercy

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.*

**GEOL 110-081/081L Earth's Evolving Systems (Add-On)**

Achang, Mercy

This course examines the history of the earth and its biota. Origins, evolution and mass extinctions of major groups of organisms as demonstrated by the earth's fossil record. Laboratory covers identification of basic fossil groups and exercises in interpreting Earth history. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **German (GRMN)**

**GRMN 200-080 German Grammar Review (Add-on)**

Finney, Victoria

This course includes a systematic review of elementary and intermediate German grammar. There is emphasis on grammar and conversational practice. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: GRMN 107. Meets with the regular section.*

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

Busch, Iris

Reading and discussion of 20th-century German short stories and novellas. Several short compositions. Grammar review where appropriate. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: GRMN 107. Meets with the regular section.*

### **GRMN 325-080 German Civilization & Culture (Add-On)**

Riehl, Ester

In this course we will focus primarily on the 20<sup>th</sup> century, a time of dramatic upheavals in Germany. Some of the topics we'll discuss include urban modernization at the dawn of the century, the Weimar Republic, the rise and fall of the Third Reich, the two Germanys of the Cold War period, and Unification. To help illustrate these topics, we'll consider readings (including a graphic novel), paintings, architecture, music, and film. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Any two 200-level German courses. Meets with the regular section.*

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

Riehl, Ester

This course explores an area of special interest in German literature or culture studies. See <http://primus.nss.udel.edu/CoursesSearch/> for topics. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Any two 200-level German courses. Meets with the regular section.*

### **GRMN 455-080 Select Authors, Works & Themes: Multicultural Society (Add-On)**

Riehl, Ester

The novella tradition in the German language is incredibly rich. In order to see how diverse authors have employed this versatile, musical form, we'll read novellas beginning from Romanticism in the early 19<sup>th</sup> century and ending with Expressionism in the early 20<sup>th</sup> century. *Novellen* have the advantage of being both short and densely wrought; they thus give students an opportunity to read with good comprehension and to hone their analytical skills. Works we'll discuss will include those by Kleist, E.T.A. Hoffmann, Stifter, Keller, Hofmannsthal, and Kafka. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Two 300-level German courses, one of which may be taken concurrently with the 400-level course. Meets with the regular section.*

## **Greek (GREK)**

### **GREK 202-080 Ancient Poetry: Intermediate Greek (Add-On)**

Sukava, Tyson

This course focuses on the works of one or more poets. Readings will be drawn from the epic, lyric, and dramatic (tragic and comic) works of authors such as Homer, Sappho, Pindar, Aeschylus, Sophocles, Euripides, and Aristophanes in rotation or in combination. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: GREK 201 or equivalent. Meets with the regular section.*

### **GREK 302-080 Ancient Poetry: Advanced Intermediate Greek (Add-On)**

Sukava, Tyson

This course includes advanced intermediate level course in ancient Greek focusing on the works (in the original language) of one or more poets. Readings will be drawn from the epic, lyric, and dramatic (tragic and comic) works of authors such as Homer, Sappho, Pindar, Aeschylus, Sophocles, Euripides, and Aristophanes 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. Meets with the regular section.*

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

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

Gordon, Mellissa

This course includes exploration and understanding of the social, emotional, cognitive, and physical development of the individual from infancy through old age in the context of the family. In addition to meeting all the requirements for the course, Honors students are also expected to work independently, as well as within small groups to complete an additional component of the course designed specifically for them. The small-group Honors discussion section meets regularly throughout the semester to engage in structured activities designed to bring practical focus and expansion to lifespan constructs. *Open only to Honors College students whose majors require the course. Meets with the regular section.*

### **HDFS 202-080/081 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 an online forum. In addition, Honors members will write a research paper on a topic of their choosing. *Meets with the regular section.*

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

Wilson, Rebecca

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. Under the guidance of the course instructor, students in the Honors section will choose a course-related research topic that will include communicating with scholars/researchers/professionals on that topic (whether in person, via phone or virtually), identify potential service delivery programs (via websites) and reach out to contacts at those sites for interviews (generally virtually or by phone), and finally a cross-cultural component to explore how the topic/issue is handled in another country. Students will write a research paper and make a presentation of their findings to the instructor via Zoom. *Open only to those students whose majors require the course. Not open to freshmen. Meets with the regular section with separate Honors weekly meetings with the professor.*

### **HDFS 330-080 Mentor & Helping Relationships (Add-On)**

Riera, Kate

This course is an introduction to the core dimensions of mentoring and helping relationships: empathy, active listening, problem-solving, and cultural competence. Emphasis is on applying the skills in a variety of business, educational, medical, and community settings. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **HDFS 346-080 Counseling in Human Services (Add-On)**

Wilson, Rebecca

This course presents approaches to interviewing and counseling individuals and families in a variety of human service and human resource settings. Includes case management, advocacy, goal setting and empowerment strategies of intervention. Explores professional and ethical issues in providing individual and family services. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: HDFS 334. COREQ: HDFS 334. Meets with the regular section.*

### **HDFS 411-080 Inclusive Curriculum & Assessments Infants/Toddlers (Add-On)**

Worden, Lynn

Throughout this course, students will examine curriculum/programming for optimal development of children birth-36 months in inclusive settings. There will also be a focus on primary caregiving and continuity of care, routines as a basis for curriculum, environmental designs, building relationships with children and families, and the IFSP process. Honors components will include meeting individually with the instructor, completing a research project and presenting a mini-lecture. *PREREQ: HDFS 222 and HDFS 224. COREQ: HDFS 431 and HDFS 470. RESTRICTIONS: Majors only or permission instructor. Meets with the regular section.*

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

Woodson, Christina

This is a capstone course intended for students within their senior and sometimes junior year, and who have already taken a majority of their courses for the major in Human Services. Given that it is a capstone, students will work to tie together some of the salient themes, theories, and learning outcomes from their years of study within the Department of Human Development and Family Sciences. Within this framework students will also apply various theories within developmental and other social sciences to the issues facing the contemporary family within such macro domains and learning ecologies as their national and global context, and within such micro domains as their neighborhoods and informal and formal educational contexts. More specifically, family relationships will be considered along the lines of not solely relationships within the immediate familial unit, but also family relationships to schools, communities, and the broader social factors that impact family and individual functioning. Readings will urge deep personal thinking and reflection around the issues facing the contemporary family, the theories underlying the choices families' make given various stressors and resources, and the multiple ways that practitioners can position themselves to better serve families broadly and oftentimes their children, in particular. Among other issues taken up, this course is driven by a critical perspective of societal structures that produce and reproduce oppression and marginalization for certain families and communities more so than others. This course will not only consider the micro-level interactions and outcomes of families, but it will do so mindful of the ways that macro-level, oppressive systems keep discrimination in place for individuals from certain communities (e.g. urban, poor, Black and Latino communities, etc.) and those reflecting certain family structures (e.g. working class, single-parents, immigrant, etc.). More specifically, this course will consider the ways that macro-level oppressive systems like racism, sexism, homophobia, xenophobia, ableism, and ageism, to name a few, intersect simultaneously in the lives of individuals from non-dominant families and marginalized communities. Honors students will be required to write an in-depth research paper that focusses on the ways that social factors create stressors (e.g. natural disasters, immigration, military service, mass killings and domestic terrorism, etc.) in the lives of various types of families or other project as determined between students and instructor. *PREREQ: HDFS 202, HDFS*

235, and HDF S334 or permission of instructor. 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.

### **HDFS 470-080 Families and Children at Risk (Add-On)**

Riera, Kate

This course covers the study of social-emotional considerations of disabilities and risk factors upon development of children and families. Theory, research, and practices discussed with emphasis on family-professional collaboration, empowerment, family-focused practice, and cultural sensitivity. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: HDFS 201 or HDFS 220 or HDFS 221 or PSYC 325. Meets with the regular section.*

### **HDFS 481-080 Honors Capstone Student Teaching Seminar**

Washington, Rosalyn

Discussion-oriented and problem-solving seminar with emphasis on role and contributions of the early childhood education professional. Includes introduction to teachers as researchers and completion of public presentation. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *COREQ: EDUC400. 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.*

## **History (HIST)**

### **HIST 102-081/081D Europe and the World since 1648 (Add-On)**

Brophy, James

This course covers the transformations of Europe since the middle of the 17th century through cultural, social, and economic developments, revolutions, wars, and interactions with other parts of the world. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **HIST 106-080/080D US History since 1865 (Add-On)**

Russ, Jonathan

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

### **HIST 131-081 Islamic Near East: 1500-Present (Add-On)**

Matthee, Rudolph

This course considers the traditional make-up of the Middle East and charts the emergence of the region in its present form through the 19th and 20th centuries. Considers the traditional make-up of the Middle East and charts the emergence of the region in its present form through the 19th and 20th centuries. Honors students write a longer research paper and take part in a separate discussion section. *Meets with the regular section.*

### **HIST 135-080/081D Introduction to Latin American History (Add-On)**

Buckley, Eve

This course introduces the history of Latin America from first indigenous contact with Europeans to recent times. By the end of the semester, students should have a clear understanding of how Latin American nations developed from the 1400s to the late twentieth century. Topics covered include pre-conquest societies, Iberian colonization and colonial society, the transition to independence, nineteenth century national development, twentieth-century urban industrialization, revolutionary political movements, 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 sources and film clips. In addition to the regular class exams, Honors students submit two short essays responding to additional texts. To prepare for this, we schedule two extra discussion meetings during the semester for the Honors group. *Meets with the regular section.*

### **HIST 139-080 Introduction to Indian Civilization (Add-On)**

Rawat, Ramnarayan

This course introduces students to prominent themes that have shaped the rise of civilization in the Indian subcontinent, from c. 2500 B.C.E. to 1700 C.E. Focus on practices and institutions that have come to historically define Indian civilization and continue to be relevant in contemporary debates in India. Topics include: the Indus valley civilization, the Aryan (Vedic) society, the development of an agrarian economy, urbanization, and social stratification, Hinduism, Buddhism, Jainism, and Indo-Islam, the Classical age, the state formation, the Indo-Islamic world, and the Mughal Empire. In addition to assigned secondary sources, several important primary sources pertaining to ancient India, and Valmiki's Ramayana will play an important role in understanding the cultural and social dynamics. A related objective will be to draw attention to competing interpretations of India's ancient past and the role of contemporary concerns in influencing our understanding and representation of the past. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

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

Bil, Geoffrey

Death stalks us all. Using William McNeill's classic "Plagues and Peoples in History," this course will examine and effects of major epidemics and diseases in human history (e.g., plague, smallpox, measles, typhus, AIDS, and the like), including how both professionals and ordinary people sought to explain and deal with these rampaging maladies. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **HIST 200-080 History & Government of Delaware (1609-2000) (Add-On)**

Russ, Jonathan

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

### **HIST 203-080 Introduction to Museums (Add-On)**

Cohen, Kenneth

This course is an introduction to the history, operations and future of museums, historic sites, archives and related cultural organizations. 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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**HIST 223-080 Nature and History (Add-On)**

Wollet, Benjamin

This course is a survey of how people across the globe have related to the non-human world roughly in the last 10,000 years. Focuses on revolutionary changes in global environmental history as well as efforts in many times and places to solve environmental problems. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**HIST 227-081 History of Science (Add-On)**

Bil, Geoffrey

This course is an overview of the history of science from Ancient Greece, to the Scientific Revolution, to the formation of Big Science in the twentieth century and beyond. Rather than focusing strictly on scientific theories and how they emerged, we will examine the cultural context of scientific thought. No advantage in knowledge of science is necessary. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

Frassetto, Michael

This course is a survey of the evolution of Christianity from its origins to 1300. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**HIST 254-080/080D, 081D Jewish Holocaust: 1933-1945 (Add-On)**

Zavadivker, Polly / Miller-Duggan, Devon

This course focuses on the infamous "Final Solution," with particular emphasis on the roots of Anti-Semitism, National Socialist policies and plans, ghetto and camp life, the Einsatzgruppen, resistance, the politics of rescue and the art and literature of the Holocaust. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**HIST 268-080 Seminar: The Crusades (Add-On)**

Duggan, Lawrence

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

**HIST 268-081 Seminar: Japan's World War II (Add-On)**

Flaherty, Darryl

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

**HIST 304-080 Jews and Food (Add-On)**

Horowitz, Roger

This class surveys how food, kosher law, and cuisines from around the world have sustained the Jewish people for more than 3,000 years. It does so by exploring the many foods associated with Jews, as well as how kosher rules influenced the foods used in religious rituals and in daily home consumption. It will range widely over time and space, following the movement of Jews and changes in their foods from the ancient Middle East to modern America. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with JWST 304-080. Meets with the regular section.*

**HIST 319-080 Revolutionary America, 1760-1789 (Add-On)**

Bendler, Bruce

This course examines the American colonies and the new nation from 1760-1789 with particular emphasis on political and cultural developments in the age of the American Revolution. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**HIST 321-080 Civil War and Reconstruction (Add-On)**

Bendler, Bruce

This course examines the sectional conflict and the struggle between rival nationalisms in the mid-19th century United States. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**HIST 339-080 Topics in European History (Add-on)**

Brophy, James

This course explores the political, social, cultural, and economic history of Europe, with a focus or theme that touches on one or more countries. The emphasis when taught in Newark is on particular aspects of European history distinct from national narratives. The syllabi are typically complemented by visits to museums and appropriate historic sites when taught abroad. Topics vary but often focus on a sweeping historical survey of the particular European country in which a Study Abroad program is taking place. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**HIST 345-080 Galileo, Luther, and Witches (Add-On)**

Duggan, Lawrence

This course covers religion in the realms of thought and action during the rise of early modern Western civilization: the witch-craze, the scientific revolution, the Reformation, the Counter-Reformation and their impact on the behavior and perceptions of people by 1650. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**HIST 348-080 History of Spain: 1479-Present (Add-on)**

Cruz, Jesus

This course covers the history of Spain from the unification of the crowns of Aragon and Castile in 1479 to the present. Emphasis on the rise and decline of the Spanish empire, expansion into the New World, and the obstacles for political, social and economic modernization since 1715. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **HIST 349-080 Modern Latin America 1800-Present: Through Film (Add-On)**

Cruz, Jesus

This course introduces students to select topics in Latin American history and culture through film, documentaries, readings, class discussion, and lectures. We will use films as a window to delve into the region's history, and as a motivation to learn more about it. Topics include the legacy of colonization, the revolutions of independence, the process of state building in the 19th century, and the struggles for political, social, and economic modernization of the 20th century. 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 covers 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 380-080 History of the Arab-Israeli Conflict (Add-On)**

Matthee, Rudolph

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

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

Virdi Dhesi, Jaipreet

This course covers social and cultural forces that have influenced the development of modern medicine. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **HIST 392-080 Brazil in the Modern World (Add-On)**

Buckley, Eve

This course examines the history of Brazil over five hundred years, from first indigenous contact with Europeans through independence, urban industrialization, and Brazil's current place on the global stage. It highlights parallels between Brazil's national history and that of other Latin American and developing countries worldwide. Comparisons to U.S. history and culture are also emphasized. Topics include colonial economies and society; gender & class dynamics; slavery, abolition and racial ideologies; poverty & social fracture; and revolutionary political movements. Students will develop an understanding of Brazilian history in the context of the modern Atlantic World and the global economy. Honors students select an independent research topic about which they will write a ten-page paper and present briefly to the class during our final week. *Cross-listed with AFRA 392-080. Meets with the regular section.*

### **HIST 400-080 History Capstone Seminar: 20th Century Europe (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. *PREREQ: HIST268. This course satisfies the Honors Degree Capstone requirement if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Hospitality Industry Management (HOSP)**

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

Kline, Sheryl

This course provides information about the numerous segments of the hospitality industry, history of hospitality, current trends and related issues. Students will be exposed to a variety of learning experiences that can expand their knowledge of the dynamic and global hospitality industry. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **HOSP 201-080 Food Safety and Sanitation (Add-On)**

Ma, Jing

This course examines the chemical and physical properties of food and its preparation. Includes the composition and structure of food, functional properties of ingredients, and methods to obtain desired sensory and nutritional qualities. Special focus on food sanitation and safety. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *COREQ: HOSP 211. Meets with the regular section.*

### **HOSP 321-080 Management of Food and Beverage Operations (Add-On)**

Pyle, Philip

This course covers the principles of quantity food service management with an emphasis on quality and cost control. Topics include menu planning and technical operations, as well as labor, food and energy cost containment. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: HOSP 201 and HOSP 211. COREQ: HOSP 325. Meets with the regular section.*

### **HOSP 381-080 Management of Food & Beverage Operation (Add-On)**

Webb, Timothy

This course covers management tools available to control sales and expenses in food and beverage operations. Analysis of centers of responsibility. Cost management approach to development of control systems. Honors students have additional assignments designed to deepen their ability to identify issues and tools to effectively manage complex and diverse food and beverage operations. Honor student's assignments will include deeper and customized learning. For example, students will identify a current, relevant issue to food and beverage operations and provide a white paper addressing the background of the issue and appropriate actions to mitigate the issue in the operation. *PREREQ: HOSP 321. Meets with the regular section.*

### **HOSP 489-080L Restaurant Management or Practicum (Add-On)**

Rainis, Alison / Waller, Nicholas / Rawstrom, William

This course is a structured experience in a hospitality industry environment. It includes at least 40 hours per credit hour in planned activities associated with the management and operation of a hospitality property. The Honors student will be required to complete 3 assignments beyond that of the normal HRIM489010 course workload. The total weight of the Honors section will be 25% of the student's final grade. *PREREQ: HOSP 321, HOSP 325 and HOSP 488. This course satisfies the Honors Degree Capstone requirement if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Italian (ITAL)**

### **ITAL 205-080 Italian Conversation (Add-On)**

Salsini, Laura

This course covers practical use of Italian by means of oral reports and discussions. Emphasis on improvement of basic conversational skills. Grammar review and written work when appropriate. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ITAL 107. Meets with the regular section.*

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

Seggese, 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. Students enrolled for honors credit must read a short novel (chosen in consultation with the professor) on the basis of which they will prepare an oral presentation, a brief biography of the author (1-2 pp) and a short research paper (5 pp). *PREREQ: ITAL 200, 205 or 206. Meets with the regular section.*

### **ITAL 305-080 Advanced Italian Conversation (Add-On)**

Melloni, Giorgio

This course teaches Italian conversation and composition through a variety of materials: Italian newspaper and magazine short articles, film, Internet research, etc. The themes of the course are content-based and will explore the crucial importance of the diverse local culture of Regions and Dialects for contemporary Italian identity in the age of Globalization. Emphasis is on improving conversational fluency, pronunciation, vocabulary, and listening comprehension skills as well as writing skills. Students are expected to attend class regularly and be prepared to speak and to prepare materials for class discussion, class presentations, and other assignments on a regular basis. Honors students will complete additional assignments over the course of the semester (including readings, summaries, and brief presentations). In consultation with the professor, honors students choose a topic to research over the course of the semester, culminating in an article presentation, an in-depth final presentation, and a 5-pg final paper detailing their findings. *PREREQ: ITAL 211 or ITAL 212. Meets with the regular section.*

### **ITAL 355-080 Special Topics: Comic Films in Italian Style (Add-On)**

Melloni, Giorgio

This course explores an area of special interest in Italian literature or cultural studies. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **ITAL 455-080 Selected Authors, Works, and Themes: Literature and the Sea (Add-On)**

Saggese, Riccarda

This course offers students an opportunity to improve their writing and comprehension skills by working closely with traditional texts (short stories, plays, and poetry) as well as non-traditional texts (promotional materials, web pages, song lyrics). Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Any two ITAL 300-level literature courses. Meets with the regular section. Meets with ITAL 655.*

## **Japanese (JAPN)**

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

Sato, Mutsuko

This course is specifically designed for students who have successfully completed JAPN 107 and wish to further their skills to effectively use the Japanese language. Classroom time will be spent learning how to use old and new grammar forms effectively and naturally in context. Students are expected to perform their acquired language skills in written tests and oral interviews. Honors students will be required to attend cultural events and create a project related to Japan. *PREREQ: JAPN 107. Meets with the regular section.*

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

Inoue, Chika

This course covers the last five chapters of The Genki II textbook. Students learn to use various grammatical forms to convey different nuances. Classes are conducted in Japanese. Activities include oral presentations and essays on various topics. About 80 additional Kanji will be introduced. Honors students must complete a project before midterm (topic must be approved by the instructor before the end of drop/add period) and an additional oral presentation before the final exam week starts. *PREREQ: JAPN 201 or 206. Meets with the regular section.*

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

Inoue, Chika

This course includes practical training in Japanese calligraphy, using brush, inkstone and sumi ink. Students will work with both phonetic syllabaries and kanji characters. Honors students have additional assignments designed to deepen their understanding of the history of calligraphy and its roles in Japanese culture. Students in the Honors section will also conduct additional research on a topic approved by the instructor and give a class presentation before midterm. *PREREQ: One JAPN course. Meets with the regular section.*

### **JAPN 355-080 Special Topics: Introduction to Japanese Literature (Add-On)**

VanLuvanee, Eric

This course explores an area of special interest in Japanese literature or culture studies. See <http://primus.nss.udel.edu/CoursesSearch/> for topics. Please contact the instructor for the

specific honors components and the grading rubric for the honors work. *PREREQ: One of JAPN 202, 205, or any 300-level section. Meets with the regular section.*

### **JAPN 401-080 Using Japanese, Issues in Contemporary Society (Add-On)**

Inoue, Chika

This course provides advanced instruction in Japanese grammar at the 400 level. Textbooks will provide a good basis for students to build grammar and discuss social issues such as marriage, illness, careers for women, and globalization. Students will also discuss issues using complementary materials chosen by the instructor (newspapers, magazines, television and so on). Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Two JAPN 300-level courses. Meets with the regular section.*

## **Jewish Studies (JWST)**

### **JWST 254-080 Jewish Holocaust: 1933-1945 (Add-On)**

Zavadivker, Polly / Miller-Duggan, Devon

This course focuses on the infamous "Final Solution," with particular emphasis on the roots of Anti-Semitism, National Socialist policies and plans, ghetto and camp life, the Einsatzgruppen, resistance, the politics of rescue and the art and literature of the Holocaust. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section. Cross-listed with HIST 254.*

### **JWST 304-080 Jews and Food (Add-On)**

Horowitz, Roger

This class surveys how food, kosher law, and cuisines from around the world have sustained the Jewish people for more than 3,000 years. It does so by exploring the many foods associated with Jews, as well as how kosher rules influenced the foods used in religious rituals and in daily home consumption. It will range widely over time and space, following the movement of Jews and changes in their foods from the ancient Middle East to modern America. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with HIST 304-080. Meets with the regular section.*

### **JWST 335-080 Love and Darkness: Israel in Jewish and Arab-Israeli Fiction (Add-On)**

Gutman, Eynat

Through analysis of leading literary works from Israel, we explore the aesthetic expression of its complex dynamics from before the foundation of the state to the present. The experience of the Israeli Kibbutz (communal living) during its initial decades, when fervent ideals clashed with reality (BETWEEN FRIENDS); Arab-Israeli citizens' perspectives on citizenship in a Jewish state (SECOND PERSON SINGULAR); and inter-generational conflicts stemming from divergent religious beliefs and the trauma of the Holocaust (Stories from APPLES FROM THE DESERT). Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with LLCU 335-080. Meets with the regular section.*

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

Matthee, Rudolph

This course explores the roots and the historical complexity of the Arab-Israeli conflict. Topics include: the origins of Zionism, the nature of traditional Arab/Ottoman society in the 19th century, the relationship between the early Zionists and indigenous Arab population of Palestine, the creation of a Jewish society, the rise of Palestinian nationalism, and the

protracted search for coexistence between Jews and Arabs. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

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

Fancher, Ibra (Drew)

This course is designed to introduce the structures of the human body and their functions. Specifically, it will examine the functional interrelationships and dynamic implications for tissues, organs, and systems. Primary emphasis will be placed on the muscular, skeletal, integumentary, nervous, and cardiovascular systems. Through lectures, readings, clinical examples, illustrations, and demonstrations students will gain a strong foundational knowledge of human anatomy and physiology. The Honors students will meet with the regular section and have several extra meetings throughout the semester. The additional Honors meetings will involve discussions of scientific literature and case studies relevant to the in-class concepts to emphasize the meaning and significance of KAAP220 in a real world fashion. Hands-on laboratory experience will include visualizing relevant cell types in culture, observing electrophysiological recordings in the context of membrane potential and action potentials, and exposure to other laboratory techniques that will enhance the students' understanding of the class material. *RESTRICTIONS: Students may not receive credit for KAAP 220 if taken after completion of KAAP 309. Meets with the regular section.*

### **KAAP 310-080/080L/081L/082L Human Anatomy & Physiology II (Add-On)**

Williamson, Sheara

This course will study structure and function of the human body for pre-professionals in clinical and allied health fields with an emphasis on endocrine, circulatory, respiratory, digestive, and urinary systems. Each student in the Honors section will choose a topic for advanced investigation involving primary scientific literature, and will present their findings to the class. *PREREQ: KAAP 309. Meets with the regular section.*

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

Royer, Todd

This course is 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. Movement analysis and proper techniques discussed for cardiovascular machines, abdominal work, stretching, etc. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: KAAP 220 or KAAP 309. Meets with the regular section.*

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

Crenshaw, Jeremy

This course represents the 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 the grading rubric for the honors work. *PREREQ: STAT 200 or MATH 201 or PSYC 209. Open only to senior majors in EXSC and the HS*

*Occupational Therapy track. This course satisfies the Honors Degree Capstone requirement if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

Knight, Christopher

This course represents the 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 the grading rubric for the honors work.

*PREREQ: STAT 200 or MATH 201 or PSYC 209. Open only to senior EXSC and HPHY majors. This course satisfies the Honors Degree Capstone requirement if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

**KAAP 400-082 Research Methods (Add-On)**

Getchell, Nancy

This course represents the 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 the grading rubric for the honors work.

*PREREQ: STAT 200 or MATH 201 or PSYC 209. Open only to senior EXSC and HPHY majors. This course satisfies the Honors Degree Capstone requirement if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

Richter, Saskia

This course covers anatomical individuality, functional significance and human performance interpretations acquired through cadaver dissection focusing on muscular, skeletal, nervous, and circulatory systems. Laboratory experience involves a regional approach to the study of anatomy working in teams where the emphasis is upon the meaning and significance of musculoskeletal movements and utilizes cadaver dissection and prosected biological specimens, models, x-rays, dry biological materials and other aids to accomplish these goals. Students will use a PBL approach for solving complex anatomical problems requiring the presentation of oral reports and detailed demonstrations of their dissection/prosection skills. Honors students, in addition to the above, are required to prepare selected anatomical prosecutions that they use to assist and guide human cadaver dissection of their non-honors peers during the normal laboratory portions of this course. *PREREQ: KAAP 220 or 309. Others by consent of the instructor. Meets with the regular section.*

**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, Honors students will critically evaluate recent studies in the field of biomechanics. *PREREQ: PHYS 201 or 207; KAAP 309. Open to EXSC majors only. Meets with the regular section.*

### **KAAP 430-080/080L/081L Exercise Physiology (Add-On)**

Witman, Melissa

This course analyzes 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. The Honors section of KAAP 430 will be assessing, calculating, and discussing additional measures of energy expenditure during both rest and exercise. This will allow for a deeper dive into the physiological concepts presented in both lecture and laboratory. *PREREQ: KAAP 220 or KAAP 310 or BISC 276 or BISC 306. Meets with the regular section.*

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

Scotolati, Guy

This course covers the study of all aspects of electrocardiography including arrhythmia identification, rate determination, axis deviation, heart blocks, hypertrophy, and myocardial infarction patterns. Honors students will have an additional project that will reinforce their understanding of electrocardiography as it relates to various pathological conditions of the cardiopulmonary system. Students will “draw” a specific cardiac or pulmonary condition from a hat during the semester and will proceed to research the pathophysiology of the condition and what electrocardiographic characteristics of the condition may present on a 12-Lead ECG. Students will thereafter submit a short paper to me covering these aspects. *PREREQ: KAAP 430. Open to majors only. Meets with the regular section.*

## **Landscape Architecture (LARC)**

### **LARC 343-080 Site Engineering (Add-On)**

Balascio, Carmine

This course is an introduction to land grading, site layout, drainage, earthwork volumes and erosion and sediment control for landscape and construction sites. Additional assignments for Honors students include advanced work with site plans using CAD and hydrologic models. May include collection of field data. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LARC/CIEG 222 or LARC 150, or CIEG 161 or APEC 480 or GEOG 250 or GEOG 372. Meets with the regular section. Cross-listed with CIEG 343.*

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

### **LLCU 220-080 The Mediterranean World (Add-On)**

Sukava, Tyson

This course examines peoples and cultural production of the Mediterranean from antiquity to the present. Topical issues such as immigration and migration, cultural identity, and diversity will be underlined, while attention will also focus on the primary sources and material evidence which will provide a broad, interdisciplinary perspective of the peoples of the Mediterranean world. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **LLCU 320-080 Varying Authors and Genres: Thrillers, Chillers and Killers (Add-On)**

Celli, Judy

In this interdisciplinary course, students will be able to apply knowledge acquired from their major fields of study to the interpretation of events and the analysis of characters in 19th century French short stories of the Fantastic genre. The Fantastic genre depends on the

hesitation between the supernatural and natural laws when explaining the cause of horrific events. Left with no reasonable, empirical explanation, readers must ponder the possibility of a supernatural causality. However, setting the stories in relation to recent advances made in the fields of biology, psychology, neuroscience and criminology may open up new ways of interpreting the events in the stories. Recently proposed theories such as the Multiverse Hypothesis will encourage physics majors to examine plot from a modern perspective. Theories concerning underdeveloped amygdalae, genetics and neurological impulses may shed a contemporary light on the acts perpetrated by characters in the stories. In addition to studying traditional analytical approaches to the genre, students will apply their personal base of knowledge thus gaining a fresh and dynamic cognizance of literature. One exciting aspect of the course will be a project that synthesizes students' talent, their field of expertise and one or more of the works read. Examples include: short film adaptation of one of the stories, illustrations to accompany one of the works read an original short story of the genre fantastique, a psychological or medical case study of one or more characters, filmed or live LARP performance based on one of the stories, video game development using characters from one or more of the stories, traditional close reading/analytical paper based on the works read. Honors credit will involve supplemental readings of a literary and/or scientific nature and supplemental meetings with the professor. *RESTRICTIONS: May be repeated for credit when topics vary. Meets with the regular section.*

### **LLCU 330-080 Ancient Race and Ethnicity (Add-On)**

Boyd, Marcaline

This course includes cultural, especially cross-cultural, study with primary emphasis on the historical development of the announced area, e.g., Nature in the Ancient World, Speculative Fiction, Transformation of a Myth. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **LLCU 330-082 World Literatures and Cultures: Confucius and LaoZi on Life (Add-On)**

Chen Jianguo

This course includes cultural, especially cross-cultural, study with primary emphasis on the historical development of the announced area, e.g., Nature in the Ancient World, Speculative Fiction, Transformation of a Myth. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **LLCU 331-080 Introduction to Chinese Films (Add-On)**

Chen, Jianguo

This course introduces students to the treatment of recurring themes in Chinese films such as those related to various forms of love, death, and gender roles. Specifically, the course examines issues of passion (love and revenge), desire, sexuality, death, and masculinity and femininity in relation to those of duty (filial piety, loyalty to the state), politics, and nationalism. We will focus on the issues of gender politics and female sexuality of various ideological persuasions and psychological dispositions and how such issues are articulated cinematically. In studying cinematic representations of these themes, we will use both historical and contemporary perspectives. The course not only introduces students to Chinese culture/society through the cinematic perspective, but also acquaints them with a knowledge of Chinese film aesthetics (the cinematic language) and filmmaking. Honors students will work on an in-depth independent research project and will make a formal presentation on research results in class. *Meets with the regular section.*

**LLCU 335-080 Love and Darkness: Israel in Jewish and Arab-Israeli Fiction (Add-On)**

Gutman, Eynat

Through analysis of leading literary works from Israel, we explore the aesthetic expression of its complex dynamics from before the foundation of the state to the present. The experience of the Israeli Kibbutz (communal living) during its initial decades, when fervent ideals clashed with reality (BETWEEN FRIENDS); Arab-Israeli citizens; perspectives on citizenship in a Jewish state (SECOND PERSON SINGULAR); and inter-generational conflicts stemming from divergent religious beliefs and the trauma of the Holocaust (Stories from APPLES FROM THE DESERT).

Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with JWST 335-080. Meets with the regular section.*

**LLCU 336-080 Society and Spectacle in Ancient Greece and Rome (Add-On)**

Sukava, Tyson

From the political machinations of the Athenian tyrant Peisistratus to the mysterious death of the Roman empress Agrippina; from the legendarily strange customs of Spartan men and women to the bloody gladiator and gladiatrix in the Roman arena, Classical culture provides a bounty of stories that continue to engage, surprise, and influence the modern world. In this course, we navigate the changing spaces for women and men to see and be seen as spectacles in antiquity. Specific topics include ancient combat, political intrigue, and the gendering of public and private entertainment. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**LLCU 351-080 Video Games and Japanese Culture (Add-On)**

Hutchinson, Rachael

This course examines Japanese video games from both a ludological and narratological perspective. Genres studies include the JRPG, stealth action, simulation and fighting games. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with GAME 351. Meets with the regular section.*

**LLCU 375-080 Back to the USSR: Cold War Culture (Add-On)**

Hulings, Julia

This course covers special topics in Russian and Soviet culture. Taught in English. See <http://primus.nss.udel.edu/CoursesSearch/> for topics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**LLCU 383-080 Chinese Culture in Translation (Add-On)**

Tu, Chung-Min

Special topics in Chinese culture. Taught in English. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

**LLCU 420-080 Topics in Italian Literature: Italy on Screen (Add-On)**

Veneziano Broccia, Lillyrose

In this course, we will examine diverse Italian authors and literary movements. Hone critical thinking skills while developing the tools necessary for perceptive literary and cultural analysis. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **Latin (LATN)**

### **LATN 202-080 Intermediate Latin Poetry (Add-On)**

Laird, Margaret

This is a course in translating Latin poetry by various authors from antiquity. Honors Students will develop a paper that explores an aspect of the poetry of Phaedrus or other author of interest to them. The paper will be based on the student's own critical reading of the text combined with research into secondary scholarly literature. Students will share their findings with the class as a work-in-progress in the second half of the semester and will submit a written version of the paper at the semester's end. PREREQ: LATN 201 or equivalent. Meets with the regular section. *PREREQ: LATN 201 or equivalent. Meets with the regular section.*

### **LATN 302-080 Advanced Intermediate Latin Poetry (Add-On)**

Sukava, Tyson

This course focuses on the works (in the original Latin) of one or more poets with particular attention to interpretive issues such as themes and contemporary intellectual and cultural milieu. Readings will be drawn from authors such as Lucretius, Tibullus, Propertius, Ovid, Virgil, Ennius, Catullus, Plautus, Terence, and Seneca in rotation and/or in combination. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LATN 202 or equivalent. Meets with the regular section.*

### **LATN 402-080 Advanced Latin Poetry (Add-On)**

Sukava, Tyson

This course focuses on the works (in the original Latin) of one or more poets with particular attention to interpretive issues such as themes and contemporary intellectual and cultural milieu. Readings will be drawn from works of poets such as Lucretius, Virgil, Terence, Plautus, Catullus, Ennius, Propertius, Seneca, and Tibullus in rotation and/or combination. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LATN 301 and LATN 302 or equivalent. Meets with the regular section.*

## **Leadership (LEAD)**

### **LEAD 100-082 Leadership, Integrity and Change (Add-On)**

Seeley, Susamma

This course introduces students to concepts and theories of leadership to help them develop the skills essential to becoming leaders in the workplace, community, and society. The purpose of the "Leadership, Integrity, and Change" course is to set the foundation for later learning about leadership by introducing the following ideas in theory and practice: (a) one's identity and potential as a leader, (b) definitions and basic theories of leadership, (c) the variety of leadership practices within a context of practice, and (d) leadership vision and influence in a change and improvement process. The theoretical foundation for this course interweaves: (a) formation of self-identification and self-awareness as a leader, (b) development of applied knowledge and skills, and (c) real-world application of effectively functioning as both a follower and a leader. In other words, this course asks that you learn about yourself, understand others, have fun, and acquire skills and perspective that will serve you well throughout and beyond your college years. Since this is a class on leadership, honors students will have the opportunity to learn and practice the skills of group facilitation by leading discussion groups throughout the course. There will also be times where students can deliver short talks or lead

the main class for shorter sections during synchronous class delivery. Additionally, honors students will meet with the instructor once a week for in-depth discussions and mentorship about their progress in the class as well as more exploratory conversations about the practice of leadership. For a more manageable and meaningful experience, the non-honors section is split into two groups with each group attending one class session a week. Honors students are expected to attend both sessions, so they are not expected to do additional writing. *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. It provides a more in depth examination of leadership theory and how that theory informs various individual and organizational practices. Students will learn methods to develop a shared vision, processes to strategically facilitate change, and examine ethical facets of leadership. Honors students will play a special integrating role within the class. *Meets with the regular section.*

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

Case Lilly, Jane

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

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

Stein, Karen

Leaders make decisions—often within a group context, with a collective of thoughts, values, ideas and knowledge guiding them as to the best course of action in a particular situation or to gain a particular result. Decision-Making and Leadership examines the application of decision making tools and models for making effective decisions in a leadership context. Honors College students will meet with the regular section and engage in enriched opportunities throughout the semester to satisfy the Honors College requirements. *PREREQ: LEAD 100. Meets with the regular section.*

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

Morrison, James

This course will aid in understanding the process of change by implementing change in an organization through the application of leadership knowledge accumulated. Students will assume the role as a leader of a special leadership team related to becoming a consultant for an actual organization in the private, public, or non-profit sector. In this role, the student will also lead in putting together a multi-media presentation for reporting results from this change

project. In addition, honors students will complete an assessment of the performance of team members. *PREREQ: LEAD 100. Meets with the regular section.*

### **LEAD 490-080 Senior Capstone (Add-On)**

Stein, Karen

In this course, students will 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 meet regularly with the instructor for enriched discussions. *PREREQ: LEAD 100 and 341. Open to senior LEAD or OCL majors only. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **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 the grading rubric for the honors work. *Cross-listed with CRJU 301-080. Meets with the regular section.*

## **Linguistics (LING)**

### **LING 480-080 Sociolinguistics (3 credit) (Add-On)**

Yeung, Hong-Lun

This course covers the interface between language and contemporary society: theories, research and analytical methods. Topics include: regional dialects; language contact; languages of underrepresented populations, such as ethnic minorities and people with language disabilities; social biases in language assessment; language and culture; language and mass media; language planning and policy development in education and the Official English movement; technology and communication; language attitudes, among others. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LING 101 and LING 102. Meets with the regular section. Meets with LING 680.*

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

### **MISY 305-080 Information Security and Risk Management (Add-On)**

D'Arcy, John

This course is an introduction to the management of information security and risk at both the personal and enterprise levels. Topics include viruses, hacking, cyber warfare, mobile security, social networking, denial-of-service, cloud computing, and risk assessment. Honors students have an additional course project aimed at deepening their understanding of the course content. In this project, honors students will conduct a real-world information technology risk assessment using an organization of their choice. *PREREQ: MISTY 160 and MISY 250. Meets with the regular section.*

## **Marine Studies (MAST)**

### **MAST 382-080 Introduction to Ocean Studies (Add-On)**

Liang, Xinfeng / Wozniak, Andrew

This is a quantitative introduction to subfields within ocean sciences including marine geology, marine chemistry, ocean physics, coastal oceanography and marine biology. An introduction to the major for Marine Sciences and an in-depth overview for those with a minor or concentration in Marine Science. Honors students will be required to complete a research paper (10 pages) that reviews the peer-reviewed literature in a mutually (student and instructors) agreed upon topic within the ocean sciences. Students will meet with the instructor(s) periodically throughout the semester and will be asked to complete an annotated bibliography and paper outline to ensure progress is being made on the paper. The research paper will be due on the final day of classes. *PREREQ: CHEM 103, CHEM 107 or CHEM 111. Meets with the regular section.*

### **MAST 492-080 Marine Environmental Studies (Add-On)**

York, Joanna

This course examines the science behind contemporary issues in coastal and marine systems, with emphasis placed on environmental problem solving. Explore how science is practiced to address regional and global topics of concern, including marine pollution, managing shorelines, sustaining ecosystems, and living with climate change. Practical skills in synthesizing scientific literature, data analysis, and public speaking. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: MAST 382. Meets with the regular section.*

## **Materials Science (MSEG)**

### **MSEG 211-080 Thermodynamics and Statistical Mechanics (Add-On)**

Kloxin, Chris

This course considers the first and second laws of thermodynamics and the various thermodynamic variables. Phase equilibria for one component and reaction and heterogeneous equilibrium will be discussed culminating in thermodynamics of condensed systems. Phase diagrams of various binary systems will also be covered. Statistical mechanics of simple gaseous systems will be included and related to previous results from classical thermodynamics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: MSEG 201, MATH 243. Meets with the regular section.*

### **MSEG 315-080/080L Materials Science and Engineering Laboratory II (Add-On)**

Fampiou, Ioanna / Hewlett, Sheldon

This course includes a combination of laboratory, lecture and multimedia modules will allow the student to study mechanical properties, thermal properties and processibility of materials. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: MSEG 305. Meets with the regular section.*

## **Mechanical Engineering (MEEG)**

### **MEEG 102-080/080L - 085L Mechanical Engineering Computer-Aided Design (Add-On)**

Buckley, Jennifer

This course introduces computer-aided mechanical engineering design by developing student's ability to 1) think visually, 2) communicate spatial information to an engineering audience through parametric solid modeling drafting standards and 3) begin to recognize connection between a virtual design and an actual component. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **MEEG 215-080/080D and 081/081D Mechanics of Solids (Add-On)**

Hossain, Md / Lu, Xin

This course is the analytical study of stresses and deformations and their application to the design of machine and structural elements under axial, torsional, bending and lateral loads. Buckling and energy methods are discussed. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Grade of C- or better in MEEG 112 or CIEG 211. Meets with the regular section.*

### **MEEG 304-080/080D-083D Machine Design Elements (Add-On)**

Wickenheiser, Adam

This course covers aspects of machine design: statistical nature, theories of failure and design for strength and design of machine elements. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: MEEG 301 and C- or better in MEEG 215 or CIEG 212. COREQ: MEEG 202. Meets with the regular section.*

### **MEEG 342-080/080D and 081/081D Heat Transfer (Add-On)**

De Rosa, Alexander / Yao, Koffi Pierre

This course covers conductive, convective, and radiative heat transfer. It covers finite difference methods for solving transient, multi-dimensional problems numerically, and an analysis of fins and heat exchanges. Honors students will undertake an individual project to study, understand and explain the heat transfer principles in a selected application (e.g., energy loss from a building, air-conditioning, weather phenomena, cooling of batteries, fuel cell, power plant, etc.). The Honors students will be called upon to present their project to the class. Honors students will also write and submit a short report about their selected real-world heat transfer application. *PREREQ: MEEG 341 and MATH 352. COREQ: MATH 353. Open to majors only. Meets with the regular section.*

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

### **MMSC 407-080 Clinical Physiological Chemistry I (Add-On)**

Walker, Kimberly

This course includes the application and theory of manual and automated techniques used in diagnostic and therapeutic medicine. Emphasis on clinical procedures for carbohydrates, proteins, lipids, nonprotein nitrogenous compounds, blood gasses and pH, and electrolytes. Honors students have additional assignments designed to deepen their understanding of clinical chemistry correlation with patient symptoms and diagnoses. Students will research and

present case studies as well as engage in interprofessional, patient safety focused exercises. *PREREQ: BISC 208 and CHEM 104 or CHEM 108. Meets with the regular section.*

### **MMSC 409-080 Immunohematology I (Add-On)**

Allshouse, Leslie

This course is the study of antigen and antibody systems of human red cells and compatibility testing of blood for transfusion. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: A grade of C- or better in MMSC 360. Meets with the regular section.*

### **MMSC 423-080 Hematology I (Add-On)**

Hughes, Virginia

This course covers quantitative and qualitative study of the formed elements of blood with emphasis on the normal state, as well as the study of normal and abnormal coagulation and hemostasis. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: BISC 208 and CHEM 104/CHEM 134. Meets with the regular section.*

### **MMSC 428-080 Medical Microbiology (Add-On)**

Hollinger, Andrew

This course includes the study of the occurrence and pathogenesis of human infections and microorganisms associated with humans in health and disease. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: BISC 208 and CHEM 104/CHEM 134. Meets with the regular section.*

### **MMSC 443-080 Biotechnology Practicum III (Add-On)**

Biswas, Ester

This course includes practical internships in a variety of biotechnology laboratory settings. Students participate in all phases of laboratory functions. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: MMSC442 & Successful completion of pre-practicum Applied Molecular Biology and Biotechnology coursework. 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.*

### **MMSC 444-080 Biotechnology Practicum IV (Add-On)**

Biswas, Ester

This course includes practical internships in a variety of biotechnology laboratory settings. Students participate in all phases of laboratory functions. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Successful completion of pre-practicum Applied Molecular Biology and Biotechnology coursework. 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.*

### **MMSC 450-080 Medical Biochemistry (Add-On)**

Biswas, Subhasis

This course focuses on the application of the principles of Biochemistry and Molecular Biology in the understanding of human health and disease. Designed to give the students a solid foundation in the subject areas. Be useful for those preparing for health-related careers who wish to apply the knowledge of biochemistry of normal cellular function to the understanding of

molecular dysfunction in human diseases. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: CHEM 213 or CHEM 321. Meets with the regular section.*

**MMSC 462-080D Interdisciplinary Healthcare Perspectives (Add-On)**

Walters, Heather

This course is a final reflective component of the volunteer experiences accumulated throughout the student's undergraduate years in preparation for a graduate program in a healthcare field. Evidence of critical thinking and knowledge of healthcare concepts will be demonstrated through an ePortfolio and a formal summary paper. The Honors section will complete a minimum of 3 Experiential Learning Requirements. Examples of experiential activities can be found in the course syllabus; other activities not found in the syllabus may also be accepted upon review by the course instructor. The Honors section will complete a minimum of 3 Experiential Learning Requirements and will submit a written reflective summation of these experiences. *Open to MMSC senior majors or Pre-Physician Assistant concentration junior students only. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

**MMSC 474-080 Honors Clinical Chemistry Practicum (Add-On)**

Melancon, Paula

This course is a supervised experience in the application of laboratory theory and techniques in clinical chemistry. Please contact the instructor, when posted, for the specific Honors components and the grading rubric for the Honors work. *PREREQ: A grade of C- or better in MMSC 403 and MMSC 413. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

**MMSC 476-080 Honors Clinical Hematology Practicum (Add-On)**

Melancon, Paula

Supervised experience in the application of laboratory procedures in hematology. Please contact the instructor, when posted, for the specific Honors components and the grading rubric for the Honors work. *This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. PREREQ: MMSC 405 and MMSC 415. Meets with the regular section.*

**MMSC 478-080 Honors Clinical Microbiology and Immunology Practicum (Add-On)**

Melancon, Paula

This course includes supervised experience in the application of laboratory procedures in diagnostic microbiology. Please contact the instructor, when posted, for the specific Honors components and the grading rubric for the Honors work. *This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. PREREQ: MMSC 430 and MMSC 431. Meets with the regular section.*

**MMSC 481-080 Honors Clinical Immunohematology Practicum (Add-On)**

Melancon, Paula

This course includes supervised experience in the application of laboratory procedures in immunohematology. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: A grade of C- or better in MMSC 420 and MMSC 421. RESTRICTIONS: Requires permission from the instructor. Open to Medical Laboratory Science*

*majors only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

## **Museum Studies (MSST)**

### **MSST 203-080 Introduction to Museums (Add-On)**

Cohen, Kenneth

This course is an introduction to the history, operations and future of museums, historic sites, archives and related cultural organizations. 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. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Cross-listed with HIST 203-080. Meets with the regular section.*

## **Music (MUSC)**

### **MUSC 195-080/081/082 Harmony I (Add-On)**

Burt, Patricia / Duker, Philip

This course includes a review of music fundamentals. Topics include: diatonic harmony including part-writing with keyboard application, chord structures and functional relationships, and basic melodic and contrapuntal compositional techniques. Activities will include writing, playing, and analysis. The Honors Add-on component of the course (Spring 2020) will be a seminar on computational thinking in music and will explore use of computational tools to study and apply principles of music such as melody, harmony, rhythm, texture, and timber. The course will study existing music of various popular artists and students will practice using computational tools to compose their own music in the style of a specific artist. *PREREQ: MUSC 185 with a grade of C- or better. COREQ: MUSC 186. Must pass the departmental music theory placement test. Open only to MUSC majors and minors only. Meets with the regular section.*

### **MUSC 313-080/081 Music History: 1827-Present (Free-Standing)**

Gentry, Philip / Purciello, Maria

This course covers the Romantic era, Impressionism and the 20th century. We will examine musical thought and style from 1827 to the present, with enriched materials, assignments, and discussion. Sections -080 and -081 meet together, with the latter providing an additional weekly meeting time that fulfills the second writing requirement. *PREREQ: MUSC 296 and MUSC 312 with a grade of C- or better. Section -081 fulfills the 2<sup>nd</sup> writing requirement.*

### **MUSC 411-080 Topics in Music History (Free-Standing)**

Murray, Russell

This course is a focused inquiry into selected topics in music history. Topics of study change with each time of offering. This course will satisfy the university second-writing requirement. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: MUSC 211 and either MUSC 212 or MUSC 213.*

## **Music Education (MUED)**

### **MUED 378-080 Secondary General Music Methods and Materials (Add-On)**

Pearsall, Aimee

This course is an introduction to developing and implementing a project-based curriculum for secondary general music through clinical experiences. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: MUED 377 and MUSC 335 with a grade of C- or better. COREQ: MUED 336, MUSC 351, or MUSC 352. Meets with the regular section.*

### **MUED 379-080 Instrumental Music in Elementary and Middle School (Add-On)**

Adams, Mark

This course is an introduction to music materials and approaches through clinical experiences. *PREREQS: MUED 377 and MUSC 335 with a grade of C- or better.* Please contact the instructor for the specific honors components and the grading rubric for the honors work. *COREQ: MUED 337, MUSC 351 or MUSC 352. Meets with the regular section.*

## **Neuroscience (NSCI)**

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

Roth, Eric

This course provides the foundation necessary to understand the neural basis of basic behaviors and cognitive processes. 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, c) neuronal basis of vision, hearing, somatic sensation, and d) learning and memory. The course uses the acquired knowledge of functional and structural mechanisms of the central nervous system to understand the brain's control of essential behaviors (e.g., eating/drinking/sleep/reproduction). *PREREQ: Grade of C- or better in PSYC 100 or NSCI 100. This course is cross-listed with PSYC 320-080.*

### **NSCI 433-080 Cognitive Neuroscience (Add-On)**

West, Robert

This course examines brain mechanisms responsible for cognitive functions such as perception, memory, and language. Surveys methods for relating mind and brain, including brain-damaged patients, and brain imaging techniques. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: Minimum grade C- in PSYC 314 or NSCI 320 and Minimum grade C- in PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301). Cross-listed with PSYC 433-080. Meets with the regular section.*

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

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

Fang, Cheng-Shun

This course covers the metabolism of carbohydrates, proteins and fats in human nutrition, interdependence and relation to energy metabolism/balance, scientific bases of macronutrient requirement during the life cycle. Please contact the instructor for the specific Honors

components and grading rubric for the Honors work. *PREREQ: NTD 200, CHEM 214 and CHEM 216. Meets with the regular section.*

### **NTDT 401-081 Micronutrients (Add-On)**

Fang, Cheng-Shun

This course examines the mechanisms and interactions of vitamins and minerals in cellular metabolism, scientific bases of nutrient requirements during the life cycle. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NTD 400. Meets with the regular section.*

### **NTDT 451-081 Medical Nutrition Therapy II (Add-On)**

Earthman, Carrie

This course examines pathophysiology, diet and disease relationships, and diet therapy for liver and renal disease, cancer, AIDS, inborn errors of metabolism, fluid balance and acid base abnormalities, and physiological stress and trauma. Evidence based practice and skills for nutritional management are integrated into course topics. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NTD 250, NTD 400, BISC 276. RESTRICTIONS: Open to DIET and NMS majors only. Meets with the regular section.*

## **Nursing (NURS)**

### **NURS 120-080 Introduction to Population Health (Add-On)**

Saylor, Jennifer

This course provides an overview of the theoretical and scientific foundations of population health for delivery of health care within an interprofessional team. Cultural competency relative to diverse and vulnerable populations and an introduction to the social determinants of health is addressed. Health literacy is considered relative to populations. The context of transitions in care delivery for individuals and aggregates/clinical populations across the life span will be introduced. Assessment and prevention through community engagement will be emphasized with a service learning project. *Open to NURS majors only. Meets with the regular section.*

### **NURS 262-081 Healthcare Research and Evidence-Based Practice (Add-on)**

Wright, Regina

This course focuses on theory and healthcare research as the foundation for evidence-based practice. Gain a basic understanding of the research process while learning to appraise the evidence. Interpret evidence to improve patient outcomes. 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.*

### **NURS 375-080 Nursing Care of Adults II (Add-On)**

Schell, Kathleen

This course focuses on continued development of strategies for health promotion, disease prevention, and management of adults experiencing selected acute and chronic diseases. Integrate concepts of population health and theoretical and scientific underpinnings of integrated healthcare delivery with diverse populations, including an emphasis on patient safety, family-centered care, inter-professional collaboration and care transitions during the wellness-illness continuum. Concepts and exemplars of illness/disease will address oxygenation, acid-base balance, movement, perfusion, cerebral regulation, tissue integrity, sensory

perception, and rehabilitation. The honors experience will include exploration of the nurse's role within the interprofessional healthcare team and incorporation of evidence-based practice in the care of individuals, communities or populations with cardiovascular disease, pulmonary disease or traumatic injuries. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NURS 322 and NURS 330. COREQ: NURS 322, NURS 330, NURS 353, and NURS 365. Open to Honors College NURS majors only. Meets with the regular section.*

### **NURS 485-080/081/082/084/088 Integrative Practicum-Capstone Preceptorship (Add-On)**

Moody, Nicole / Staff

This course is a culminating and integrative experience that builds on the knowledge and skills obtained throughout the nursing curriculum. Synthesize learning and demonstrate achievement of curriculum goals in varied/diverse practice settings. Facilitates role transition to professional practice through student-nurse mentored experiences with close faculty oversight. *PREREQ: NURS429 and NURS475. RESTRICTIONS: Nursing majors only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. Meets with the regular section.*

## **Philosophy (PHIL)**

### **PHIL 102-080 Introduction to Philosophy (Add-On)**

Hanley, Richard

This course is an examination of such central philosophical problems as ethics, theories of knowledge, the nature of reality, philosophy of religion and political philosophy. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **PHIL 300-080 Medieval Philosophy (Add-On)**

Rogers, Katherin

In Medieval Philosophy we will study how the philosophers of the Middle Ages embraced and transformed the philosophy of the Ancient Greeks and synthesized it with their religious traditions. We will look at Christian, Islamic, and Jewish philosophers including such important thinkers as Augustine, Thomas Aquinas, Ibn Sina, Al-Ghazali, and Maimonides. Our topics will include whether or not the existence of God can be proven, how is human knowledge possible, the nature of time, and whether or not human beings have free will, among others.

Requirements will consist of three essay tests, two 5-7 page papers, and daily quizzes. Specially scheduled discussion meetings of Honors students. Rather than 5-7 page papers, Honors students will write 7-9 page papers and will present them to the Honor's group for discussion.

*Meets with the regular section.*

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

Shabo, Seth

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

### **PHIL 410-080 Religion and Psychology (Add-On)**

Fox, Alan

In this course, we will explore religion from various psychological points of view, on the one hand, and psychology from various religious points of view. We will examine authors which blur the distinctions between these three approaches. We will not be attempting to reduce religious experience to one or another normal or abnormal psychological state. Explore how religious experiences can be viewed as real experiences for which one should be able to provide a psychological account. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **Physics & Astronomy (PHYS)**

### **PHYS 209-080 Aspects of Modern Physics (Add-On)**

Staff

This course explores basic solid state physics, nuclear physics, and introductions to elementary particle physics, general relativity and cosmology. Honors students have additional reading and writing assignments using articles from the professional literature designed to deepen their understanding of modern physics. Honors students prepare and give a talk for the entire class on the “unanswered question in physics” from the list of topics given by the professor. Each Honors student will meet one-on-one with the professor to discuss their topic and presentation prior to their talk in class. *PREREQ: PHYS 207. Meets with the regular section.*

### **PHYS 313-080/080D/080L Physical Optics (Add-On)**

Walker, Barry

This course includes a detailed treatment of optics at an intermediate level appropriate for physics, engineering and other students with a physical science background. Emphasis is on physical concepts and analysis of geometric optics, wave optics and applications of optics. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: PHYS 208 or PHYS 245. COREQ: MATH 243. Meets with the regular section.*

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

### **PLSC 270-080 Biotechnology: Science and Socioeconomic Issues (Add-On)**

Sparks, Erin

This course is an introduction to agricultural biotechnology and socio-economic issues. Introduces genetic engineering and the basic scientific theory and the applications of biotechnology in agriculture production and research. Presents issues surrounding biotechnology-risk and technology assessment, animal rights, public and private research interface, media and environmental perspectives, consumer acceptance, regulation and

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

### **PLSC 300-080 Principles of Animal and Plant Genetics (Add-On)**

Schmidt, Carl

This course is an introduction to the theory and application of genetics as related to the improvement of plants and animals. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: PLSC 101 or BISC 205 or BISC 207 or BISC 208. Meets with the regular section.*

### **PLSC 354-080 Plant Ecology (Add-On)**

Trammell, Tara

This course is an introduction to plant ecology for upper-level undergraduates. Examine the span of ecology from a uniquely plant perspective, focusing on individual plant interactions with their environment, how the environment acts to shape plants, interactions among plant populations and communities, and larger-scale processes and global issues. Will culminate in learning how to apply basic principles of plant ecology to landscape design. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

## **Political Science (POSC)**

### **POSC 333-080 Contemporary Political Ideologies (Free-Standing)**

Son, Kyongmin

Ideologies—systemized sets of ideas—are an essential part of our political life. Ideologies help us make sense of our experience of the world which is often too complicated; they enable us to set priorities and make judgments; and they motivate us to take action. In this course, we will examine some of the most influential political ideologies and the debates surrounding them. We will begin with liberalism, conservatism, and socialism, and then consider more recent perspectives such as anticolonialism and antiracism, as well as contending views about globalization, immigration, and environmental justice. We will focus on the theoretical foundations of various ideologies, paying close attention to the ways in which those ideologies are appropriated and mobilized in contemporary politics.

### **POSC 401-080 Topics in Law and Politics: Legal Theory (Free-Standing)**

Batchis, Wayne

What is law? What is the source of its authority? This course takes a case-based approach to understanding the nature of law and legal interpretation. It examines traditional and contemporary schools of jurisprudential thought, including natural law, legal positivism, legal realism, law and economics, critical legal studies, feminist jurisprudence and critical race theory. It also delves into various modes of constitutional interpretation such as textualism, originalism, intentionalism and living constitutionalism. These approaches will be explored through writings of the philosophers and jurists, and close readings of legal decisions that illustrate their application.

## **Psychology (PSYC)**

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

Gifford, Janace / Begosh, Kristen

This is a foundation course in the basic concepts of the scientific study of behavior. First half concentrates on research methods, the brain, sensation, perception, learning, and cognitive processes. Second half considers intelligence, personality, mental disorders, psychotherapy, and social psychology. 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. Focus will be on understanding the determinants of behavior from multiple perspectives.

### **PSYC 209-080 Measurement and Statistics (Free-Standing)**

Ly, Agnes Ruan

This course covers the theory and application of statistics to psychological data. The emphasis is on learning the language of statistics, allowing you to become better consumers, producers, and communicators of quantitative content in psychological research. Throughout the entire semester, students will also develop, conduct, and present their own research. *PREREQ: Grade of C- or better in PSYC 100 or NSCI 100 and one course in basic college mathematics. Open to Honors College PSYC, NSCI, CGSC and LING majors only.*

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

Roth, Eric

This course provides the foundation necessary to understand the neural basis of basic behaviors and cognitive processes. 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, c) neuronal basis of vision, hearing, somatic sensation, and d) learning and memory. The course uses the acquired knowledge of functional and structural mechanisms of the central nervous system to understand the brain's control of essential behaviors (e.g., eating/drinking/sleep/reproduction). *PREREQ: Grade of C- or better in PSYC 100 or NSCI 100. Cross-listed with NSCI 320-080.*

### **PSYC 340-080 Cognition (Free-Standing)**

Intraub, Helene

How do we acquire knowledge? How do neural processes lead to thought? This course is an examination of how the mind works, covering topics such as language, memory, attention, perception, concepts, and reasoning. Major themes include understanding the mind/brain relationship, using empirical data to develop and evaluate cognitive theories, and understanding the implications of cognitive research for everyday life. *Open to PSYC and NSCI majors only. PREREQ: Grades of C- or better in PSYC 207 and in PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301). Neuroscience majors only need PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301) and not PSYC 207.*

### **PSYC 350-080 Developmental Psychology (Add-On)**

Hubbard, Julie

This course is an analysis of theory and research in developmental psychology including the topics of developmental processes, developmental risk, systems theory and contemporary

social issues. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Grades of C- or better in PSYC 207, and PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301). Meets with the regular section.*

### **PSYC 433-080 Cognitive Neuroscience (Add-On)**

West, Robert

This course examines brain mechanisms responsible for cognitive functions such as perception, memory, and language. Surveys methods for relating mind and brain, including brain-damaged patients, and brain imaging techniques. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: Minimum grade C- in PSYC 314 or NSCI 320 and Minimum grade C- in PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301). Cross-listed with NSCI 433-080. Meets with the regular section.*

## **Russian (RUSS)**

### **RUSS 200-080 Russian Grammar Review (Add-On)**

Hulings, Julia

This course includes a systematic review of elementary and intermediate Russian grammar, study of complex sentence structure and idioms. Some conversational practice. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: RUSS 107. Meets with the regular section.*

### **RUSS 310-080 Introduction to Russian Literature I (Add-On)**

Myers, Holly

This course examines masterpieces of poetry, narrative prose and drama from the 19th century. 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 440-080 Russian Drama, Prose or Poetry: Translation (Add-On)**

Hulings, Julia

This course explores one of the three major genres by examining a specific theme. See <http://primus.nss.udel.edu/CoursesSearch/> for topics. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: Any two 300-level Russian courses. Meets with the regular section.*

## **Sociology (SOCI)**

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

Perez, Victor

This course is an overview of the sociological perspective of the study of society, with an emphasis on mapping inequality, social identity, globalization, and how social issues are transformed into medical concerns.

## **Spanish (SPAN)**

### **SPAN 200-080/082 Spanish Composition & Grammar (Add-On)**

Finnicum, Carmen

This 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 and SPAN 112. Meets with the regular section.*

### **SPAN 200-081 Spanish Composition & Grammar (Add-On)**

Rio, Aurelia

This 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 and SPAN 112. Meets with the regular section.*

### **SPAN 200-083 Spanish Composition & Grammar (Add-On)**

Botello, Jesus

This 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 and SPAN 112. Meets with the regular section.*

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

Guardiola-Griffiths, Cristina

This course includes reading, discussion, and analysis of various genres of Hispanic literature. There will be several short compositions and grammar review where appropriate. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 200. Not intended for students who have already taken 300- and 400-level literature courses in Spanish. Meets with the regular section.*

### **SPAN 201-081 Spanish Reading and Composition (Add-On)**

Schmidt-Cruz, Cynthia

This course includes reading, discussion, and analysis of various genres of Hispanic literature. There will be several short compositions and grammar review where appropriate. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 200. Not intended for students who have already taken 300- and 400-level literature courses in Spanish. Meets with the regular section.*

### **SPAN 205-080/081 Spanish Conversation (Add-On)**

Illarregui, Gladys

This course builds mastery of practical spoken Spanish in its cultural context. Spanish will be used strategically to accomplish objectives and resolve conflicts, in culturally appropriate circumstances. Action learning inside and outside the classroom will enhance the same abilities that are strengthened by living abroad. A four-skill approach (including reading and writing as well as listening and speaking) will maximize language growth and broaden cultural expertise. Additional enrichment for the Honors section includes a series of individual conversations with Spanish graduate students outside of class; additional listening practice via smartphone or computer; more extensive writing assignments on cultural topics; and two third-party (Versant)

tests to measure oral proficiency (one at the beginning and another the end of the semester). Versant tests will not affect the course grade and may supply a valuable credential for future use. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 107 (Grade of B or better), SPAN 112 (Grade of B or better), SPAN 200 or SPAN 201. Meets with the regular section.*

### **SPAN 300-080/081 Advanced Spanish Comp & Grammar I (Add-On)**

Robles-Reyes, Arnaldo

This is the second part of a thorough 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 200. Meets with the regular section.*

### **SPAN 302-080 Survey of Spanish Literature (Add-On)**

McInnis-Dominguez, Meghan

This course explores Spanish literature from the 18th century to the present. Selection of representative works, discussions and collateral readings. Honors students will meet with the professor outside of class to discuss the works in greater depth. They will also prepare a video introduction for one of the periods covered in the class. Honors students also are required to have additional sources for their final paper, which will be a critical analysis of one or more works from the class. *PREREQ: SPAN 201. Meets with the regular section.*

### **SPAN 304-080 Survey of Spanish American Literature (Add-On)**

McInnis-Dominiguez, Meghan

This course examines works in all genres of Latin American literature in the 20th century. Honors students will meet with the professor outside of class to discuss the works in greater depth. They will also prepare a video introduction for one of the periods covered in the class. Honors students will meet with the professor outside of class to discuss the works in greater depth. They will also prepare a video introduction for one of the periods covered in the class. Honors students also are required to have additional sources for their final paper, which will be a critical analysis of one or more works from the class. *PREREQ: SPAN 201. Meets with the regular section.*

### **SPAN 305-080/081 Oral Communication (Add-On)**

Rio, Aurelia

This course is for individuals with a comprehensive knowledge of Spanish grammar and vocabulary. Emphasis on refinement of expression of abstract ideas as well as mastery of practical communication. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 200. RESTRICTIONS: Not intended for native speakers. Students may not receive credit for both SPAN 305 and SPAN 306. Meets with the regular section.*

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

Rio, Aurelia

Reading and Writing for the Sciences is devoted to the analysis and creation of professional discourse in Spanish as well as the study of the cultural issues related to science, health, and healthcare in the Spanish-speaking world. Students will hone their reading and writing skills in the Spanish language and develop their understanding of the ways health, illness, and medicine are perceived in Spanish-speaking cultures. The course aims to prepare students for careers in

medical and scientific fields. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 201. Meets with the regular section.*

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

Dominguez, Julia

This course offers a survey of the geography, history, culture, politics and society of Spain. You will study key historical events, from prehistoric times to the most recent developments, as well as cultural movements that have shaped Spanish national identity. The course is conducted in Spanish and the readings are in Spanish. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: SPAN 200. Meets with the regular section.*

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

Penix-Tadsen, Phillip

This course introduces students to the cultures and history of Latin America from pre-Columbian times to the present with emphasis on its political and economic developments. Students will be 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. The Honors component includes longer essays, research papers and exams as well as additional extra-curricular work or presentations. *PREREQ: SPAN 200. Meets with the regular section.*

**SPAN 401-080/081 Advanced Spanish Composition & Grammar II (Add-On)**

Busch, Hans-Jorg

SPAN 401 is not a systematic study of Spanish grammar. (That is the purpose of SPAN 200 and 300.) In this course, students will practice and apply what they have learned in previous courses, as well as broaden their vocabulary through different kinds of writings (i.e. summaries, opinion papers, narrations, feature articles, descriptions, poems, short stories, etc.), projects, and class participation. Furthermore, they will have the opportunity to study and practice more in-depth those structures that traditionally cause the most problems. For example: subjunctive vs. indicative, past tenses, prepositions and pronouns, reflexivity, active vs. passive, text progression, determination, word order, direct vs. indirect speech, sequence of tenses, use of complex tenses, etc. *PREREQ: One 300-level Spanish course. Meets with the regular section.*

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

Dominguez, Juila

This course examines 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 grading rubric for the Honors work. *PREREQ: One 300-level survey of literature course. Meets with the 600-level section.*

**SPAN 455-080 Selected Authors, Works & Themes: Latin American Women Writers (Add-On)**

Illarregui, Gladys

This course examines works of one or more outstanding authors or on a special theme. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: One 300-level Spanish literature course. Meets with the regular section. Meets with SPAN 655.*

### **SPAN 475-080 Hispanic Culture & Civilization: Spanish in the US: Language, Power, Identity (Add-On)**

Dabkowski, Meghan

This course includes the study of topics in Hispanic culture and civilization, ranging through the geography, history, art and society of Spain and Latin American countries. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: Any of the following: SPAN 307, SPAN 308, SPAN 325, SPAN 326. Meets with the regular section. Meets with SPAN 675.*

### **SPAN 491-080 Spanish Studies Capstone: Imagining Culture (Add-On)**

Selimov, Alexander

Through intensive research and study of texts and artifacts on a theme, students will integrate and focus their knowledge of Spanish and Latin American literatures and/or cultures across several disciplines and periods. Taught in Spanish. *PREREQ: One 400-level literature or culture course. RESTRICTIONS: Senior-level Spanish Studies and Latin American & Iberian Studies majors only. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Theatre (THEA)**

### **THEA 102-080 Introduction to Performance (Free-Standing)**

Reidel, Leslie

Do you want to perform better as a student? Do you want to perform better as a musician or athlete? Do you want to perform better on graduate school applications and in job interviews? This course promises to develop a set of skills that can be used in a wide variety of activities including other courses, sports, music and dance, job interviews, and of course, various employment opportunities. Students, in the past, have been STEM majors, business majors, education majors, criminal justice, pre-med, pre-law and majors in many other fields of study. This course also promises to produce results in all areas of performance - if you engage fully in all class activities. Lectures, discussions, demonstrations, and exercises will develop an awareness of the nature of the work of the performer in the theatre and the specific relationship of that work to "life offstage."

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

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

Bottomley, Daniel

Policy is how communities at all levels address their complex challenges in such areas as health, education, energy, housing, poverty, economic growth, and environmental sustainability. Public policies are the product of choices made by governments that drive public investments, create rules and sanctions, establish services and security, guide and regulate markets and businesses, and allocate benefits and costs to citizens. This course examines major contemporary policy issues, and reviews the strategies that are adopted to address these policy challenges at the local, national and global levels. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

Taylor, Casey

This 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 have additional writing and presentation assignments. These include a major research paper on a comparative public policy issue; an oral PowerPoint presentation and defense of research results; preparation of a public policy 'case brief;' and, an in-class essay on public policy theories and templates. Students who do not possess the skills for completing a term paper or major research paper should not register for this course. *Meets with the regular section.*

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

Toth, Tibor

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 work with the faculty to develop an assignment for the class that will focus on the students' interest and expand on the material covered in the regular section. *The students will meet the regular section, additional meetings will be also scheduled.*

### **UAPP 330-080 Public and Nonprofit Administration (Add-On)**

Sowa, Jessica

This course examines major topics in public and nonprofit administration, including how policy is transformed into action and services. It also examines key administrative processes and ethical issues facing public and nonprofit leaders. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **UAPP 440-080 Public Policy Senior Capstone**

Justice, Jonathan

Capstone course serves as a culminating learning experience for students during their senior year. Involves an integration of the policy skills that they have developed within applied contexts related to their minors or areas of interests and their UAPP 300 Field Experience. Honors students will meet one or more times during the semester for seminars, which may be followed by presentations to the larger class. They are also expected to provide leadership in the peer review exercises conducted during the semester. *Open to majors only. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

### **WOMS 200-080/081 Sexualities and Gender Studies (Add-On)**

Glass-Heffner, Andrea

This course is an exploration of the variations in the social construction of lesbian, gay, bisexual, heterosexual, transsexual, transgender and queer identities and communities in contemporary American society through study of gay literature, history, theory, religious and legal issues and the arts including film, music, television, and visual arts. Please contact the instructor for the

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

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

Lobasz, 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 grading rubric for the Honors work. *Meets with the regular section.*

**WOMS 226-080 Gender, Race, and Masculinity in Sports (Add-On)**

Smith, Earl

This is a sociologically oriented course that integrates the substantive areas of sport from this and other academic disciplines. We also take a feminist, interdisciplinary and intersectional perspective. The course interrogates issues of masculinity that impact the institution of sports in American society. The course will examine selected sport & society topics of intellectual interest. Applying these lenses to the study of sport focuses our attention on sports as a major American institution. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

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

Hattery, Angela

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. Presents descriptive materials, sociological analysis and strategies for change. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**WOMS 240-081 Women and Violence (Add-On)**

Smith, Earl

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. Presents descriptive materials, sociological analysis and strategies for change. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**WOMS 284-080 Gender, Culture and Digital Media (Add-On)**

**Ley, Barbara**

This course explores the relationship between gender, culture, and digital media. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**WOMS 313-080 Theory and Methods in Feminism (Add-On)**

Naccarelli Reese, Jennifer

This course focuses on the visions and methods that feminist scholars use to study feminist issues within and across a range of disciplines. Students will read and discuss how feminist scholars rethink analytical paradigms and create new theoretical models to guide their work. Feminist theory is presented as an intellectual history placing theoretical frameworks in conversation with other perspectives. Students will develop a critical awareness of their own research methods and the research methods of others. Honors students will work in close consultation with the professor at all phases of their research project development. Honors students will have additional page requirements for their research project and present their work to the class. *PREREQ: Any 200-level Women's Studies course. Meets with the regular section.*

**WOMS 410-080 The Study of Women and Gender Studies (Add-On)**

Stetz, Margaret

This course is the required capstone for Women and Gender Studies majors. The course will consider the evolution of Women and Gender Studies as an academic field and will explore the connection between academic research in this field and feminist activism. The class will be conducted as a seminar with the active engagement of all participants expected. Honors students will meet several times over the course of the semester for discussion of additional texts; will write short responses to those texts; will develop a longer research paper; and will give an informal report on their findings to the members of the capstone. *Requires approval of Women's Studies advisor and 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.*