



UNIVERSITY OF DELAWARE  
**HONORS COLLEGE**

# **Honors Course Booklet Spring 2021**

## **Course & Registration Information**

Honors College  
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## Honors Forum Classes

### **ARSC 293-080 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. To request a seat in this course, [fill out this request form](#).*

### **UNIV 495-080 Seminar: Darwin: Abolitionism, Altruism, and Art**

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. To request a seat in this course, [fill out this request form](#).*

## Departmental Courses

*Only Honors College students with grade point indexes of 3.00 or higher are eligible to register for honors courses. This list will be updated regularly to reflect any added or cancelled courses.*

### **Accounting (ACCT)**

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

Tsakumis, George

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. *Open to Honors College ACCT majors only.*

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

Basoglu, Kamile

This course explores the role of accounting and information systems in accomplishing the strategic goals of the 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.*

### **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 240-080/082L, 081L, 083L, 084L Functional Anatomy of Domestic Animals (Add-On)**

Renzetti, Annie

This course will focus on the identification of relationship between form and function in domestic farm animals. It includes comparative examination of body systems in order to better understand the various management practices employed in animal agriculture. The lecture component of the Honors section meets with the regular section and has the same evaluations. The Honors sections of the laboratory portion of this course will have a special project or dissection that will be completed in addition to the regular lab course work. These projects (or dissections) will be evaluated according to a pre-set rubric and worth additional points toward the students overall grade. Honors students will generally be working individually on these projects. All of these projects, dissections and rubrics will be discussed in detail during the first lab session. *Serves as a prerequisite for advanced departmental courses. Meets with the regular section.*

**ANFS 251-080/ANFS 252-080D Animal Nutrition (Free-Standing)**

Yihang, Li

This course is the study of basic knowledge of nutrients and their metabolism and physiological function in domestic food animals. There is emphasis on detailed digestive anatomy and physiology on the processing/transport of dietary nutrients, as well as regulation of nutrient metabolism under animal production status change. The course includes a laboratory/discussion section on animal feeds and feed ingredients. We will also introduce the current topics in animal nutritional research via assigned student presentation/discussion. Emphasis on nutritional concepts by review and interpretation of the journal publications. **PREREQ: ANFS 101.**

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

Abasht, Benham

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 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)**

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 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 Equine Disease and Lameness (Add-On)**

Renzetti, Annie

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 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 417-080/080L Beef, Cattle & Sheep Production (Add-On)**

Lesa Griffiths

In this Honors capstone course, students will make connections between small group decisions and animal care and management, and the overall outcomes of the spring lambing and calving seasons. Honors students will work with peer groups to collect data and provide weekly summaries and updates of herd/flock care, events and outcomes.

#### **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: ANFS101 or ANFS220, AND ANFS251 or ANFS241, or permission of the instructor. Meets with the regular section.*

#### **ANFS 449-080 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. *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 prerequisites. Open to all Honors College students. Meets with the regular section.*

#### **ANTH 488-080 Tutorial in Physical Anthropology (Add-On)**

Rosenberg, Karen

This course covers the history, theory and method of physical anthropology. Honors students will have additional hands-on activities designed to enrich their understanding. *Open to majors only. Requires permission of the instructor. Meets with the regular section.*

### **Arabic (ARAB)**

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

Ikram Masmoudi

This course is a continuation of ARAB107. Emphasis is on reading and viewing authentic materials from Arab media, in order to improve reading, writing and listening skills and to increase knowledge of Arab culture. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ARAB107. Meets with the regular section.*



### **ARAB 201-080 Arabic 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 grading rubric for the Honors work. *Meets with the regular section.*

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

**ARSC 293-080 - See page 3**

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

Haislip, Yael / Overby, Lynette

Students will explore the arts conceptually and in practice through art making, performance attendance, artist workshops, and peer teaching experiences. Topics of multiculturalism, agency, and curriculum development will be addressed. Students will be reflexive about creative processes and work collaboratively to establish understandings in arts integration and the power of arts in education. Those taking the course for Honors credit (-080) will engage in additional enrichment activities including a multimedia project and the development of an arts-integrated curricular unit. *Meets with the regular section.*

**ARSC 316-080 - See page 3**

## **Art Conservation (ARTC)**

### **ARTC 302-080 Care & Preservation Cult Prop 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 238-080 Islamic African Architecture: Cairo/Timbuktu (Add-On)**

Okoye, Ikem

A survey of architectural dialogues in and across the Sahara (North and West Africa) in the 9th through the 20th centuries. Includes introduction to philosophical texts and to Muslim travelers

memoires in relation to buildings as congregations of space and visual representation. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**ARTH 318-080 Photography & Evidence (Add-On)**

Hill, Jason

This course utilizes case studies in the history and theory of photography as a form of documentary proof and/or evidence in a wide variety of fields, including journalism, the sciences, the justice system, and foreign and domestic policy. We will consider the technical and cultural bases of photography's association with certainty and truthfulness and the many challenges, past and present, posed to the medium's evidentiary authority. Honors students have additional assignments designed to deepen their understanding of photography and evidence. These will include a semester-long research project engaging with a selected digitized photographic archive, the submission of a critical review essay, and two meetings between Honors students and the instructor. *Meets with the regular section.*

**ARTH 402-080 Seminar: 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. Additional, and more complex readings will be assigned to Honors students, and which will deepen their grasp of the key debates under scrutiny. For one such reading assignment, students write a critical comment on the additional text, and will meet with the professor to discuss their critique of it. For another assignment, students evaluate a documentary film relating to the topic of a particular lecture that stands apart from the position the Professor lectured on in class, asking the honors students to engage the difference between two views, in order to then reach their own position on the issues at stake. *May be repeated for credit when topics vary. Meets with the regular section.*

**ARTH 406-081/606 Seminar: Medieval Art (Add-On)**

Nees Jr., Lawrence

This seminar will address art (especially manuscripts, ivories and metalwork) and architecture, for Charlemagne and members of his court circle, and will involve extensive consideration of literary and historical documents. Special focus on four cities: Paris, Aachen, Rome and Jerusalem. This is primarily a graduate course, and Honors undergraduates will be admitted with the consent of the instructor. Weekly meetings will be together with the graduate students, and like the graduate students Honors students will make oral reports and write an extended research paper. Honors students will also write at least one shorter paper based on critical reading of primary sources as well as of scholarly literature. *Please contact the instructor for permission to take class. Meets with the regular section.*

**ARTH 602-010: Curating Mappae Mundi: UD Exhibition**

Rujivacharakul, Viamilin

This is a special opportunity for 3 Honors students to enroll in the Spring semester's Art History 602 Curatorial Seminar, which will culminate in physical and virtual exhibition. Students examine and curate antique maps and atlases from the 15th-17th century in UD's Special Collections and the Library of Congress in Washington DC and learn to develop research and curatorial skills while developing online and physical exhibitions at UD. The project's research scope addresses Critical Cartography; Africa, Asia, and Europe in the Age of Exploration; China and the Discovery

of the Americas, and Art History and Cartographic Representation. Emphasizing the need to integrate research knowledge with hands-on training, students learn to curate objects, write exhibition proposals, design spaces for online and physical exhibits, and develop exhibition catalogs. Students work with UD's archivists and curators and are also trained and supported by invited curators from the Asian Art Museum in San Francisco (USA) and the Fitzwilliam Museum in Cambridge (England).

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

### **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)**

Healy, Sean

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. Field work 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-Radojcic, 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 107. COREQ: Honors CHEM 108. Priority given to Honors College first year students. To request a seat in this course, fill out the [Honors BISC 208/CHEM 108 Request Form](#). This section of BISC 208 is integrated with CHEM 108.*

### **BISC 300-080/080L/081L Introduction to Microbiology (Free-Standing)**

Hlousek-Radojcic, Alenka/Boyer-Andersen, Rebecca

Students will explore survival strategies of microorganisms in biofilms, the adaptive potential of microbial phenotypic plasticity, and the mechanisms of selected pathogens to infect the host, evade defenses and escape. The course will be based on pedagogies that facilitate the

development of student metacognitive, collaborative and scientific communication skills. The laboratory component will allow students the opportunity to work on a microbiology-focused research project following the principles of experimental design. Students will design an experiment based on concepts included in the semester's curriculum. They will research background information in order to construct a hypothesis, design a procedure to test it, conduct the experiment, and collect and analyze data. They will share their ongoing progress and final results using both written and oral forms of communication. *PREREQ: BISC 207 or BISC 205.*

### **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. *PREREQ: BISC 208 and two semesters of chemistry.*

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

Raden, David

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 230-080/081 BME Circuits, Signals, Systems (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 302-080 Quantitative Systems Physiology (Add-On)**

Gleghorn, Jason

This course will examine quantitative approaches to understand the human body during normal function and disease. Examine tissues and organs systems in an integrated manner using principles from engineering kinetics and transport processes. Topics include: anatomy, organ system physiology (cardiovascular, renal, respiratory, gastrointestinal), and pathophysiology. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: BMEG 301. RESTRICTIONS: The course is open to BMEG students; other engineering students may take it with the instructor's permission. Meets with the regular section.*

**BMEG 311-080/081/082 Bioengineering Mechanics II (Add-On)**

Khandha, Ashutosh

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 comprise 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)**

Kohn, 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.*

**BMEG 420-080 Biological Transport Phenomena (Add-On)**

Slater, John

This course studies fundamental and biomedical applications of fluid mechanics. Introduction to diffusive and convective mass and heat transfer with biomedical applications. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: PHYS207 and MATH305. RESTRICTIONS: Open to BMEG students only; ENGG students may take it with the instructor's permission. Meets with the regular section.*

**Business Administration (BUAD)****BUAD 309-080 Organizational Behavior (Free-Standing)**

Kernan, Mary

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. Meets with the regular section.*

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

Gardner, Meryl

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.*

## **Cognitive Science (CGSC)**

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

Andreasen, Robin

Cognitive science is an interdisciplinary science of the mind as 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 cognition. 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. Third, we will turn to cognitive neuroscience, which aims to understand cognition primarily in terms of brain processes. We will learn about each view, and their interrelations, by examining specific aspects of cognitive processing – such as memory, visual perception, object recognition, language acquisition, speech production & comprehension, and action planning. We will also examine cases of atypical processing – e.g., split brain, agnosia, aphasia, and apraxia. This course will be taught in a seminar format with less lecturing and more discussion guided learning. Students will read scholarly articles from academic journals. Assignments include homework, in-class exams, and expository writing. *No prerequisites. Open to all Honors College students.*

### **CGSC 451-081 Topics in Cognitive Science (Add-On)**

Straitman, Nina

This course covers current topics in cognitive science. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: CGSC 170. May be repeated for credit when topics vary. Meets with the regular section.*

## **Chemical Engineering (CHEG)**

### **CHEG 112-080/080L/081L/082L/083L Introduction to Chemical Engineering (Add-On)**

Enszer, Joshua / Bhatia, Sujata

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)**

Szkodny, Alana

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)**

Lenhoff, Abraham

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 and 080D/081D General Chemistry (Free-Standing)**

**Lecture and discussions will be synchronous online meetings**

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 or CHEM 107.*

### **CHEM 108-084 & 084L/085 & 085L General Chemistry Life Sciences II (Free-Standing)**

Fajardo, Jacqueline/Achtenhagen, Marcel

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 or 107. This section of Honors CHEM 108 is integrated with Honors BISC 208. Priority given to students currently enrolled in Integrated H BISC 207/H CHEM 107. Priority given to Honors College first year students. To request a seat in this course, fill out the [Honors BISC 208/CHEM 108 Request Form](#). These sections of CHEM 108 are integrated with BISC 208.*

### **CHEM 112-080/080D, 081/081D, 082/082D General Chemistry (Free-Standing)**

Groh, Susan

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 course format incorporates problem-based learning and other active learning strategies in addition to lectures and group discussions. The Honors section presupposes that students have mastered the equivalent of a strong high school chemistry course, and moves at a pace appropriate for that background. Compared to the regular section, CHEM 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 111.*

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

Beebe Jr, 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.*

### **CHEM 334-080L Organic Chemistry Majors Lab**

Kloxin, Christopher

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. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Open to Honors College BIOC and CHEM majors only. PREREQ: CHEM 333 COREQ: CHEM 332. Meets with the regular section.*

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

Teplyakov, Andrew

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. *PREREQ: CHEM120, or CHEM220 and CHEM221; MATH242 (MATH243 recommended); PHYS208 (recommended) or PHYS202. RESTRICTIONS: CHEM419 and CHEM444 cannot both be counted toward graduation.*

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

Groh, Susan

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 201-080 Intermediate Chinese I (Add-On)**

Dong, Zhiyin

This course is the first of the two-course series which form the core of 200-level Chinese, the other being CHIN 202. The goal is to build intermediate-level grammar, vocabulary, and sophisticated character recognition and writing. All four areas of language (listening, reading, speaking, and writing) are emphasized. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: CHIN 107. Meets with the regular section.*

### **CHIN 204-080/081 The Art of Chinese Calligraphy (Add-On)**

Tu, Chung-Min

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 350-080 Business Chinese (Add-On)**

Dong, Zhiyin

This course aims to prepare students for effective communication in casual and formal business settings in Chinese society. Incorporates discussion of Chinese business culture and etiquette in order to promote socially appropriate language use. Please contact the instructor for the

specific Honors components and grading rubric for the Honors work. *PREREQ: Two courses at the 200-level or instructor's permission. Meets with the regular section.*

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

Yang, Haihong

This class offers basic training in classical Chinese. Classical Chinese is a language shaped in the latter half of the first millennium B.C. that still persists as a living medium of expression today. Knowledge of classical Chinese is important to help students read and understand sophisticated modern Chinese texts, which make frequent use of classical allusions and constructs. In this course, students will be introduced to basic grammatical structures of classical Chinese, its syntactic patterns and historical development. We will focus on grammar, systematic sentence analysis, and distinctive functions of grammatical particles through translation and discussion in class. The course is taught in English and Chinese. Honors students will read one more passage and give an oral presentation on that passage. *PREREQ: Two CHIN courses at the 300 level and one CHIN course at the 400 level. Meets with the regular section.*

### **CHIN 467-080 Seminar (Add-On)**

Chen, Jianguo

This class offers basic training in classical Chinese. Classical Chinese is a language shaped in the latter half of the first millennium. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

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

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 302-080/080D Structural Design (Add-On)**

Jayne, Allen

Basic concepts of structural design including methodologies, applicable limit states and design codes. Structural members and systems, fabrication issues, loads and load paths. Design of steel and concrete members subjected to tension, compression and bending. Additional topics including connections and combined axial compression and bending. Honors students will work in small groups on an independent project. The project will involve advanced application and synthesis of course concepts such as structural design methodologies, design codes, applicable

limit states, fabrication issues, and design of steel and concrete members subjected to tension, compression and bending. *PREREQ: CIEG 301. Open to majors only. Meets with the regular section.*

**CIEG 311-080 Dynamics (Add-on)**

Aloupis, Christos/Shenton, Harry

This course includes an intermediate-level development of the kinematics and dynamics of particles, systems of particles and rigid bodies. Vibrations of machines and structures. Emphasis on solution of engineering problems by force, energy and momentum methods of analysis. Applications to the dynamics of machines, structures and vehicles. Honors students will meet separately with the instructor for more in-depth coverage of material, analysis of complex problems, and special topics of discussion. Parts of exams and some assignments are unique compared to those of the regular class. *PREREQ: PHYS 207 and MATH 243. Meets with the regular section.*

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

McNeil, Sue

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

Huang, He/Jayne Allen

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.*

## **Computer Science (CISC)**

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

Khaliligarekani, Mohammadmahdi

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)**

Staff

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 (Add-on)**

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 475-080/080L/081/081L Advanced Software Engineering (Add-On)**

Keffer, Jeremy

The goal of this course is to understand and apply a complete modern software engineering process. Topics include requirements analysis, specification, design, implementation, verification, and project management. Real-life team projects cover all aspects of the software development lifecycle, from the requirements to acceptance testing. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: CISC 275. CISC 361 is recommended. Credit cannot be received for both CISC 475 and CISC 675. Open to senior majors only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Communication (COMM)**

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

Angelini, James

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 330. Open to COMI majors only. Not open to freshmen. Meets with the regular section.*

### **COMM 490-080 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)**

Kiamilev, Fouad

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)**

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, set 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 324-080 American Constitutional History (Add-On)**

Rise, Eric

Reviews historical and contemporary explanations for women's participation in crime and evaluates these explanations in light of current research on gender. Other topics include treatment of women offenders by judicial and correctional systems, women as victims of crime and women as criminal justice personnel. 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 324.*

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

Miller, Susan

This course reviews historical and contemporary explanations for women's participation in crime and evaluates these explanations in light of current research on gender. Other topics include treatment of women offenders by judicial and correctional systems, women as victims of crime and women as criminal justice personnel. Honors students have additional assignments designed to deepen their understanding of gender and crime issues; these include exploring print and social media for victim and offender stereotypes, watching films to explore how popular culture features issues of gender and crime, and analyzing public presentations or observing victims' experiences in the Wilmington family court. *Meets with the regular section.*

## **Economics (ECON)**

### **ECON 101-080 Introduction to Microeconomics: Prices & Markets (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. *COREQ: One of the following: MATH 114, MATH 115, MATH 117, MATH 221, MATH 241, MATH 242, or MATH 243. Can be either a prerequisite or a corequisite. Open to all Honors College students.*

### **ECON 103-080/081 Introduction to Macroeconomics: National Economy (Free-Standing)**

Bridges, Thomas/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. Open to all Honors College students.*

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

Park, Seonyoung

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)**

Black, David

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)**

Seidman, Laurence

The course analyzes the following economic policy topics: (1) How to prevent and combat recession; (2) Race, class and economy; (3) Economic policy to address global warming (4) Will your generation have a higher standard of living than previous generations? What policies can reduce it? Honors students must also write a five-page term paper on one of the course topics and present the paper in a seminar to me and other students getting honors credit. *PREREQ: ECON 303 or ECON 304. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Education (EDUC)**

### **EDUC 247-080 History of Education in America (Free-Standing)**

Hampel, Robert

The evolution of American schools from the colonial era to the present, with special attention to racial, religious, socioeconomic, and gender diversity. The first eight weeks for Honors students will include a series of short readings (often primary sources) and recorded mini-lectures. The final third of the course allows students (individually or in groups) to explore in depth a topic they select, with a paper and presentation at the very end. *Open to Honors College ETE students only.*

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

Amendum, Steven

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 three, week-long field experiences, which require students to teach a variety of lessons.

Honors students have additional assignments designed to deepen their understanding of effective literacy instruction. For one assignment, students analyze a literacy lesson and meet with the professor to discuss their analysis. For another assignment, students 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 451-081 Educational Assessment for Classroom Teachers (Add-On)**

Archbald, Douglas

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)**

Brockmeier, Austin/Karahan, Yuksel

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. *Open to ELEG and CPEG majors only. 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, set 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 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.*

## **English (ENGL)**

### **ENGL 217-080/081 Introduction to Film (Add-On)**

Feng, Peter

This course focuses on different techniques of acting, mise-en-scene, cinematography, editing, sound and color to assess how films encourage audiences to respond in the ways they do. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ENGL 110. Cross-listed with CMLT 217. Open to all Honors College students. Meets with the regular section.*

### **ENGL 368-080 Studies Literature & Science (Add-On)**

Bowden, Mary

This course examines studies of the interrelation of literature and science. Content varies by the expertise of the instructor. Honors students will undertake a semester-long research project on a topic related to the course content. They will meet regularly with the professor to share their research findings and will present their research in a public-facing format at the end of the semester (this could be a presentation to the class, website, online exhibition, podcast, etc.). *PREREQ: ENGL 110. May be taken up to three times when topics vary. Meets with the regular section.*

### **ENGL 371-080 Studies in Fiction (Add-On)**

McKenna III, Bernard

This course includes special topics in the novel and short story. Topics may emphasize an author or authors, a type or types of fiction, a period or theme. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ENGL 110. Meets with the regular section.*

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

Alvarez, Deborah

This course examines language variation over time and across geography, culture and dialect. Topics include rhetorical analysis of written and spoken English, attending to style, situation and genre. This course will have a heavier focus on spoken English. Applications of grammatical knowledge to describing language use in various contexts. Intended for prospective English teachers. Honors students in ENGL 394 research an additional topic related to the course and present their findings to their peers. In addition to the work for the regular class, Honors ENGL 394 requirements include four additional class meetings, and the creation and presentation of a narrated PowerPoint on the research analysis presentation. *Meets with the regular section.*

### **ENGL 480-080 Literary Studies Seminar: Literary Studies in a Moment of Crisis (Add-On)**

Stanley, Brooke

What does it mean to study literature in a moment of global crisis? It can be hard to insist on the value of books when wildfires and hurricanes are raging, a pandemic has altered global reality, and anti-Black violence continues to rupture society. And yet, in times of crisis, literary study might be more important than ever. We will consider how contemporary literature and humanistic scholarship confront urgent issues including migration, racism, xenophobia, and climate justice. We will then use this framework to develop independent research projects. As a capstone course for English majors, ENGL 480 provides a supportive workshop environment in which you will hone your skills as a researcher and writer in dialogue with others. Honors students will have an opportunity to lead class discussion and will pursue an independent research agenda over the course of the semester. This project can be your choice of a literary-critical essay or a public humanities project, culminating with a symposium at the end of the semester. *PREREQ: ENGL 110 and six ENGL credits at the 300 level or higher or by instructor consent. RESTRICTIONS: Can be repeated once when topics vary. ENGL 480 is reserved for Senior/Junior English majors to satisfy the English Capstone requirement. It also satisfies the university Discovery Learning Experience (DLE) requirement and the university Capstone requirement. ENGL 480-080 (the honors section) satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

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

Staff

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. Meets with the regular section.*

## **Environmental Studies**

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

Staff

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. Meets with the regular section.*

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

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

Delaney, Deborah

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

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

### **FASH 180-080080L Apparel Product Development (Add-On)**

Kim, Nokyeon

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 324-080/080L Apparel Design by Draping (Add-On)**

Orzada, Belinda

Exploration of three dimensional methods of apparel design. Focuses on design and execution of draped garment structures. Design projects require research of a design concept for a target market, consideration of sustainable design solutions, sketching, development of presentation boards, patternmaking, and construction of a complete garment. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: FASH 233, FASH 314. COREQ: FASH 220. Meets with the regular section.*

### **FASH 419-080 Social Psychology of Fashion (Add-On)**

Jung, Jaehee

Study of clothing and appearance as contributors to human interactions; consideration of the importance of clothing in individual and collective behavior. Analysis of how dress reflects self-feelings, establishes social identities and affects interpersonal encounters. *PREREQ: PSYC100 RESTRICTIONS: Must have junior status. Meets with the regular section.*

### **FASH 433-080/080L Product Development & Management (Add-On)**

Roelse, Katya

This course focuses on all phases of apparel product development for a targeted market from conceptualization through execution of sample garments for sustainable mass production. Further develops skills in computer-aided pattern designing, grading, marker making and data management (e.g., sizing, specifications, operations and costing). Includes a cooperative project with an apparel firm to provide hands-on industry experience. Includes field trips. Please

contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FASH 314 and FASH 333. Meets with the regular section.*

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

Shaffer, Brenda

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)**

Lynch, Christopher

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 314-082 Investments (Add-On)**

Lou, Xiaoxia

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 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. Meets with the regular section.*

### **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.*

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

Staff

This course examines current issues in corporate governance. Topics include executive compensation, shareholder resolutions and board of director ownership and accountability. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FINC311. 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 200-081 Grammar and Composition (Add-On)**

Poindexter, Flora

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 205-080 French Conversation (Add-On)**

Sankara, Edgard

This course will allow students to develop a practical use of French by means of oral reports and discussions of material (short films, articles). Emphasis on improvement of basic conversational skills. Grammar review and written work will reinforce vocabulary building. In addition to the regular section, the Honors students meet bi-monthly with the instructor to discuss easy literary work, learn additional vocabulary and read recent magazines. *PREREQ: FREN 107 or FREN 112 or one 200-level course. Meets with the regular section.*

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

Sankara, Edgard

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)**

Thibault, Bruno

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 314-080 Special Topics: French Phonetics (Add-On)**

Alalou, Ali

This course explores an area of special interest in French literature or culture studies. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: Any two 200-level French courses RESTRICTIONS: Not intended for native speakers of French. Meets with the regular section.*

### **FREN 405-080 Translation & Stylistics (Add-On)**

Steinberger, Deborah

This course focuses on vocabulary and translation skills (from French into English and vice-versa). Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: ONE of FREN 301, 302, or 303, plus one other 3XX. 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.*

## **Geology (GEOL)**

### **GEOL 105-080 Geological Hazards (Add-On)**

O'Neal, Claire

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

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

O'Neal, Claire

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. Open to all Honors College students.*

## **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 210-080 German for Everyday Life (Add-On)**

Nobile, Nancy

Expand your German vocabulary and ability to talk about aspects of daily life with greater fluency. Frequent use of German videos and authentic materials will also increase your aural proficiency and knowledge of German culture. Oral presentations and the creation of your own videos will develop your ability to communicate with others about day-to-day situations such as shopping, travel, ordering in restaurants, giving directions, and using social media. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **GRMN 311-080 Introduction to Modern German Literature (Add-On)**

Riehl, Ester

Masterpieces of poetry, narrative prose and drama from the 18th century to the present. 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 325-080 German Civilization & Culture (Add-On)**

Nobile, Nancy

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 455-080 Select Authors, Works & Themes (Add-On)**

Nobile, Nancy

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 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

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; separate Honors discussion.*

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

Sherif Trask, Bahira

This course examines American families from a variety of historical, methodological, and theoretical perspectives. In particular, this course focuses on the demographic and social changes that American families have undergone, as well as the causes and consequences of these changes. Furthermore, this course emphasizes differences between families based on gender, race, ethnicity, and socio-economic status. Issues of globalization will also be examined. Honors section participants will supplement the regular class materials with several extra readings. These readings will be discussed as part of 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)**

Gaines-Hanks, Norma

This course is designed to help students understand the scope of human service agencies that focus on the needs of children and families. Upon completion of the course, students will be aware of current problems facing children and families, identify "best practice" approaches to helping children and families, and understand how diversity among children, families, and communities can inform service delivery. 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 346-080 Counseling in Human Services (Add-On)**

Raible, Stephanie

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)**

Abrams, Holly

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 of 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 as a 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. Meets with the regular section.*

## **History (HIST)**

### **HIST 106-082/082D 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 131-080 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 138-080 East Asian Civilization: Japan (Add-On)**

Flaherty, Darryl

This course is a survey of major aspects of Japanese civilization, relating the past to the present. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

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

Rawat, Ramnarayan

Introduce 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 the grading rubric for the honors work. *Meets with the regular section.*

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

Duggan, Lawrence

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 (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 227-080 History of Science (Add-On)**

Bil, Geoffrey

This course is an overview of the history 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 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 268-084 Seminar (Add-On)**

Duggan, Lawrence

This 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 302-080 The World in our Time (Add-On)**

Alchon, Guy

This course celebrates your adulthood – your capacity for skepticism, judgment, good humor and courage – qualities necessary to meeting today's stern tests, to facing up to hard and competing truths about the contemporary world. Just as it considers aspects of our present historical moment, the course further explores features of the long 20<sup>th</sup> century, an era of unsurpassed wonders and horror. It introduces some of the ideas and forces driving both modern times and the modern United States, while emphasizing particular people shaping their times. The course, then, examines such categories and institutions as Progress, Moral Injury, Class, Genocide, Generations, Impunity, Bureaucracy, Empire, The Idea of Race, and Pandemic Disease, and such qualities as Complicity, Rescue, Obedience, Resistance, Courage, Faith and Radical Nonviolence, and the current condition and likely fate of Hope. Honors students will meet weekly in conversation with the professor. *Meets with the regular section.*

**HIST 324-080 American Constitutional History (Add-On)**

Rise, Eric

Reviews historical and contemporary explanations for women's participation in crime and evaluates these explanations in light of current research on gender. Other topics include treatment of women offenders by judicial and correctional systems, women as victims of crime and women as criminal justice personnel. 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 CRJU 350.*

**HIST 337-083 Topics in American History (Add-On)**

Virdi Dhesi, Jaipreet kaur

Course topics vary and may be chronologically or thematically based. Examples include "America in the 1920s" and "American Sports History." Please contact the instructor for the specific honors components and the grading rubric for the honors work. *May be repeated for credit when topics vary. Meets with the regular section.*

**HIST 338-080 Greek-Roman Sport-Recreation (Add-on)**

Sidebotham, Steven

This lecture course includes an examination of the earliest sporting events depicted in art from ancient Mesopotamia and Egypt as well as bull leaping and boxing practiced by the early Greeks in the period of about 2000-1400 BC. The course, however, focuses on the sports and leisure activities practiced by the classical-era Greeks and Romans (seventh century BC-sixth century AD). These include events familiar to most people: the ancient Olympics, horse and chariot racing, track and field events, gladiatorial combats, theater, various kinds of ball games, etc. It also examines pastimes such as bathing, reading/libraries, dinner and drinking parties, where people would go on vacation and how they would get there. There is extensive use of powerpoint presentations during each lecture. In addition to weekly quizzes and three exams (which all students take), students in the Honors section will write an 8-10 page paper (text) with notes and bibliography. Students should first discuss their topics with the professor. *Meets with the regular section.*

**HIST 341-080 Ancient Rome (Add-on)**

Sidebotham, Steven

This lecture course encourages students to form opinions on such questions as why and how Rome created and ruled successfully such a large and diverse empire; why Julius Caesar was murdered; and why Octavian Augustus succeeded where Julius Caesar had failed. There are readings in ancient and modern sources. There is extensive use of powerpoint presentations. In addition to weekly quizzes and three exams (which all students take), students in the Honors section will write an 8-10 page paper (text) with notes and bibliography. Students should first discuss their topics with the professor. *Meets with the regular section.*

**HIST 352-080 Europe, 1945 to the Present (Add-on)**

Shearer, David

This course is a comprehensive survey and analysis of the evolution and structure of post World War II European society. Honors students will generally meet with the rest of the class for lectures and discussions. In order to fulfill the writing requirements of the course, however, Honors students will have an option to work individually with the professor on a term length research project. *Meets with the regular section.*

**HIST 365-081 Topics in Asian or Pacific History (Add-On)**

Flaherty, Darryl

Topics vary and may include history of civilization (China, Japan, Korea, Southeast Asia, etc.), women in historical and modern times, European colonialism in Asia, and relations with the United States. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**HIST 375-080 Britain Since 1714 (Add-on)**

Bil, Geoffrey

This course includes analysis of British politics, society, and culture in modern times. The rise of parliamentary democracy, industry, liberalism, empire, feminism, social democracy and mass culture are also covered. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

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

Matthee, Rudolph

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 grading rubric for the Honors work. *Meets with the regular section. Cross-listed with JWST 381.*

**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 400-080 History Capstone Seminar: Political Economy of the Modern United States (Add-On)**

Alchon, Guy

In its larger and oldest sense, political economy marries historical inquiry and social criticism. This seminar seeks to do much the same as it introduces the American debates over authority, power, and democratic possibility, particularly as these have developed since the advent of corporate capitalism. The managerial revolution; the idea and significance of the middle class; the problems posed by meritocracy and inherited privilege; and the questions forced by the American imperium...these are among the topics to be covered. Honors students shall meet weekly in conversation with the instructor. *Open to HIST majors only, except with permission of the instructor. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

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

Deflieze, John

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

Miller, Brian

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

Pyle, Wenche

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

Saggese, Riccarda

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

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

Salsini, Laura

You're so close to proficiency in Italian! Consolidate your hard-earned language skills in a series of conversations and oral presentations, with grammar review and written work when appropriate. Students will discuss current events along with material from film, the internet, and other sources. Honors students will be required to write a short composition on a topic dealing with contemporary Italy and present that material to the class. *PREREQ: minimum grade of B in ITAL 107, or one 200-level ITAL course. Meets with the regular section.*

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

Saggese, Riccarda

Let the masters of the Italian short story teach you to write! This course emphasizes vocabulary acquisition and written expression. Students will read and discuss short works of literature and film. You will improve your writing skills, add to your rich stock of conversation topics in Italian, and begin your love affair with contemporary Italian authors. 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 and Composition (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 326-080 Italian Civilization & Culture II (Add-On)**

Melloni, Giorgio



A survey of the major cultural, social and political developments in Italy from its Unification to the present. 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 (Add-On)**

Melloni, Giorgio

This course offers students an opportunity to improve their writing and comprehension skills by working close 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.*

## **Japanese (JAPN)**

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

Inoue, Chika

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)**

Sato, Mutsuko

This course covers the last five chapters of 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 an 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 305-080 Japanese Conversation & Comp (Add-On)**

Inoue, Chika

This course includes a discussion of current cultural, social and political topics in Japanese. Vocabulary building, grammar exercises and frequent compositions. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQS: One of JAPN202, 205, 3XX. Meets with the regular section.*

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

Hutchinson, Rachael

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

## **Jewish Studies (JWST)**

### **JWST 333-080 Israeli Film: Reflecting Dramatic Change**

Gutman Eynat

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

### **JWST 381-080 History of 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. Cross-listed with HIST 380.*

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

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

Fancher, Ibra

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 hands on laboratory experiences to emphasize the meaning and significance of musculoskeletal movements; these may include utilization of human cadavers, prosected human specimens, dry biological materials, models, EMG and electrophysiological demonstrations, and biomechanical demonstrations. *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 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 finding 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)**

Knight, Christopher / Hudson, Matthew

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)**

Hudson, Matthew

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 400-082 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 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 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/prosecution 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. Open to athletic training majors and to Honors exercise science majors. 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 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. Open only to majors and minors in EXSC, ATI, HS, and HS Occupational Therapy or Strength and Conditioning. Meets with the regular section.*

#### **KAAP 434-080 12-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. *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 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 323-080 Greek Tragedy (Add-On)**

Boyd, Marcaline

From the dude who killed his father and slept with his mother to the child-slaying sorceress from the Far East, Greek tragedy is rife with monstrous, moving, and memorable characters. Join this course as we explore the Classical Greek tragedies of Aeschylus, Sophocles, and Euripides and the unique society that produced them. With the help of visual images and videos, we will investigate the evolution of Greek tragedy from its ritual beginnings through the modern era. This course will focus on such topics as: the cultic origins of theatrical performance, the nature of Greek theaters as well as ancient theatrical production techniques and modern adaptations and reperformance, the social, political and psychological function of theater in Classical Athens, and ancient and modern views of the value and impact of tragic drama. *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 aesthetic (the cinematic language) and film making. 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 332-080 Arabic Literature in Translation (Add-On)**

Masmoudi, Ikram

This course explores special topics in Arabic literature, particular themes and writers to be announced, e.g., The Thousand and One Nights, Arab women writers, Iraqi women's fiction, war novels. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section.*

### **LLCU 333-080 Israeli Film: Reflecting Dramatic Change**

Gutman Eynat

This course includes inquiry into Israeli films from the immediate postwar period to present. Historical and societal changes emphasized. Aesthetic and technical elements of film production and reception featured. Discussion intensive. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *Meets with the regular section. Cross listed with JWST 333-080.*

### **LLCU 336-080 Society & Spectacle 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 420-080 Topics in Italian Literature (Add-On)**

Salsini, Laura

This course will examine the history of the Sicilian Mafia, as well as its depiction in Italian literature, non-fiction accounts, and film. The second part of the course will focus on how the Mafia and its depiction evolved as it moved into the United States. We will look in particular at how American film directors promulgate or challenge the stereotypes of the Mafia and Italian-American identity in such films as *The Godfather* and *GoodFellas*, among others. 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)**

Sukava, Tyson

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 Aeneid of interest to them. The paper will be based on the students 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.*

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

Sukava, Tyson

Focus 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

Focus 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 work 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 101-080 Global Contexts for Leadership (Add-On)**

Toth, Tibor

This course will emphasize understanding a variety of issues and problems that impact quality of life of individuals and groups and demand effective leadership in global contexts. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *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)**

Middlebrooks, Anthony

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

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

Stein, Karen

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.*

## **Linguistics (LING)**

#### **LING 444-080 First Language Acquisition (3 credit) (Add-On)**

Staff

This course explores how humans acquire a language in infancy: innate versus environmental factors; the development of grammatical competence and its relation to cognitive and communicative development; cultural and societal influences; development disorders. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: LING 101. Meets with the regular section.*

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

Staff

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.*

## **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.*

## **Mechanical Engineering (MEEG)**

### **MEEG 102-080 & 080L - 084L 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/081/081D Mechanics of Solids (Add-On)**

Buckley, Jennifer / Lu, Xin / Hossain, Md Z

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 / Glancey, James

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/081/081D Heat Transfer (Add-On)**

Advani, Suresh / Yao, Koffi

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)**

Wood, Marie

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 gases 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 428-080 Medical Microbiology (Add-On)**

Lehman, Donald

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 grading rubric for the Honors work. *PREREQ: BISC 208 and CHEM 104 or CHEM 108. Meets with the regular section.*

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

Biswas, Ester

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. Meets with the regular section.*

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

Lofland, Denene

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 Microbial Practicum (Add-On)**

Melancon, Paula

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

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. Meets with the regular section.*

**MMSC 491-080 Human Molecular Genetics (Add-On)**

Biswas, Ester

This course covers the molecular processes required to diagnose inherited disorders, cancer, hematological disorders, and infectious agents. Additionally, the employment of DNA identity-based testing in transplantation, paternity testing and forensics will be discussed. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. **PREREQ:** Minimum grade of C- in MMSC390 or MMSC490. *Meets with the regular section.*

## **Music (MUSC)**

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

Burt, Patricia

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 departmental music theory placement test. Open only to MUSC majors and minors only. Meets with the regular section.*

### **MUSC 311-080 Music History: 400 through 1600 (Free-Standing)**

Murray Jr, Russell

This course covers the history of musical style and theory in the Middle Ages (5th through 16th centuries) and the Renaissance (15th and 16th centuries). The Honors section provides the opportunity for a more focused exploration of musical, theoretical, or cultural aspects of the music studied in the class. In addition, students will conduct independent research and make class presentations. *PREREQ: MUSC 211, MUSC 285, and MUSC 196 with a grade of C- or better or permission of instructor.*

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

Gentry, Philip / Murray Jr, Russell

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.*

## **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 467-080 Seminar: Learning, Memory and the Brain (Add-On)**

Stanton, Mark

This seminar surveys a variety of topics in the neurobiology of learning and memory. A multiple memory systems perspective is used to illustrate the diversity of brain systems and behavioral processes that govern overt behavior, affective states, and cognition in humans and experimental animals. This is accomplished through assigned readings, seminar participation/presentations, and a term paper.

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

### **NTDT 305-081 Nutrition in the Lifespan (Add-On)**

Chai, Sheau Ching

This course examines nutrition and health during the different stages of life: pregnancy, lactation, infancy, preschool years, middle childhood, adolescence, adulthood and later maturity. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NTDT 200 and a course in biology. Meets with the regular section.*

### **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: NTDT 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: NTDT 400. Meets with the regular section.*

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

Earthman, Carrie

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: NTDT 250, NTDT 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 (Free-Standing)**

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.*

**NURS 262-080 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/Madiraca, Jessica

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. *PREREQ: NURS322 and NURS330. COREQ: NURS322, NURS330, NURS353, and NURS365. Open to Honors College NURS majors only.*

**NURS 478-080L Seminar: Care of Populations (Free-Standing)**

Griffioen, Mari

This course covers clinical application of science and nursing theories in community health settings. Local, national, and global health issues will be analyzed. *PREREQ: NURS 453, NURS 457, NURS 459, NURS 460. COREQ: NURS 473, NURS 479, NURS 480. Open to Honors College NURS majors only. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters prior to graduation.*

**Philosophy (PHIL)****PHIL 203-080 Ethics (Free-standing)**

Koltonski, Daniel

We will be concerned to see whether there is anything to be said in a principled way about right and wrong. We will first consider moral relativism, a position that many find initially attractive, but the bulk of the course will be an in-depth examination of two central traditions in post-Reformation Western moral philosophy, exemplified by John Stuart Mill and Immanuel Kant. Additionally, we will look closely at various techniques and strategies for making and evaluating philosophical arguments, with the aim of mastering them in students' own writing and arguing. Students will engage in a variety of writing assignments that will build to a final essay, written in drafts, that displays not only their engagement with the material but also their own original philosophical work.

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

Shabo, Seth

This course is a study of works of the major philosophers of the 17th and 18th centuries, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. In reading these works, we will come to understand some of their main positions and arguments in metaphysics and epistemology. In addition, we will come to appreciate how their discussions have shaped our contemporary understanding of such core philosophical problems as the nature of minds, what the physical world is like and what we can know about it, causation, and personal identity. Honors students will write an additional paper that examines Hume's views on free will. *Meets with the regular section.*

**PHIL 309-080 Indian Religion & Philosophy (Add-On)**

Fox, Alan

This course will cover the philosophical and religious traditions in the Indian culture, including the Vedic tradition, Jainism, and the various philosophical schools of Hinduism. Special emphasis will be placed on Buddhism and Advaita Vedanta. We will also cover more recent developments in Indian thought, including Sikhism and the works of modern thinkers such as Gandhi, Ramakrishna, and Aurobindo. Honors students will complete the regular workload for the course, and also do additional reading and writing assignments and meet for an additional discussion every other week at a date and time chosen to accommodate the most students. This means that students with extremely complex or restricted schedules may not be able to take part, and those students will have the option of switching into the non-honors section or dropping the class. We will read additional, more in-depth, and sophisticated materials, and will spend more time working with traditional texts. Increased emphasis will be placed on class participation, in both the regular section and the additional Honors section meetings. *Meets with the regular section; separate Honors meetings.*

**PHIL 465-080 Senior Seminar (Add-On)**

Pust, Joel

Two kinds of arguments for skepticism about philosophical subject matter (morality, political philosophy, mathematics, metaphysics, etc) will be considered in this course. Debunking arguments claim our beliefs are undermined (and so are not justified or are not knowledge) because our mental states are not properly explained by their subject matter. Arguments from disagreement claim our beliefs are undermined (and so are not justified or are not knowledge) because our epistemic peers (people equally rational and equally well informed) disagree with us. Honors students will have additional meetings to discuss the philosophical issues raised in the course material, at times with additional readings. They will also have writing assignments over the course of the semester designed not only to deepen their understanding of those



issues, but also to help them develop their reasoning skills. *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.*

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

### **PHYS 311-080 Aspects of Modern Physics (Add-On)**

Safronova, Marianna

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 (via Zoom for Spring 2021) 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/Shaw, John

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

Abasht, Behnam

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 grading rubric for the Honors work. *Cross-listed with ANFS 300-080. PREREQ: PLSC 101 or BISC 205 or BISC 207 or BISC 208. 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 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 proceed to more recent perspectives such as anticolonialism, antiracism, and contending views about globalization. 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. The class will be run like a graduate seminar, with emphasis on discussion and various writing/research assignments.

## **Psychology (PSYC)**

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

Kenkel, William

This course is an introduction to the process of psychological science. It includes coverage of research methods, biological bases of behavior, sensation and perception, cognitive psychology, abnormal behavior and treatment, developmental psychology, and social and personality psychology. *No prerequisites. Open to all Honors College students.*

### **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. This course is cross-listed with NSCI 320-080.*

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

Medina, Jared

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), except for Neuroscience majors.*

### **PSYC 467-081 Seminar: Infant Cognition (Meets with graduate level section)**

Quinn, Paul

The course provides an overview of selected aspects of perceptual and cognitive development during the infancy period defined broadly here as the first two years of life. Special emphasis will be placed on the acquisition of knowledge including the abilities of human infants to organize what they see into coherent wholes, to represent properties of hidden objects, to form category representations for classes of objects, spatial relations, and people, to build non-obvious and social concepts from perceptual categories, and to represent the sound structure

of human language. Concern will also be given to some possible constraints on early knowledge acquisition, such as the biological limitations of sensory systems, the operation of perceptual-cognitive biases that enable rapid learning, and innate limits on human thought. A range of theoretical descriptions of infant development will be considered including Piaget and the modern discontinuity theorists, constructivism and the efforts to model development in connectionist learning systems, and various forms of nativism from Edelman's selectionism to Fodor's radical nativism. *Students must complete PSYC100 and PSYC209 before taking this course.*

## **Russian (RUSS)**

### **RUSS 205-080 Russian Conversation (Add-On)**

Hulings, Julia

You are so close to proficiency in Russian! Consolidate your hard-earned language skills through conversation and oral presentations, with grammar review and written work when appropriate. Students will discuss current events along with material from films, the Internet and other sources. Have fun while improving your vocabulary and speaking skills! Honors students will do an extra presentation at the end of the semester on a topic of their choice, TBD with the professor. Honors students will meet with the professor weekly for a short period of time (20 minutes) to discuss and develop that topic (vocabulary lists, websites, articles, additional reading) over the course of the semester. *NOTE: RUSS 205 is only offered in the spring. It is designed to be taken in conjunction with RUSS 211; for Russian Studies majors, minors, and Three-Language majors this is necessary in order to proceed in the course sequence and be fully prepared for the 300-level. PREREQ: RUSS 107 or equivalent.*

### **RUSS 211-080 Russian Reading and Composition: Short Fiction (Add-On)**

Hulings, Julia

In this course you will read entertaining and interesting 20<sup>th</sup>-century Russian short stories from a variety of genres (detective fiction, satire, tales of adventure, children's literature) to improve your reading skills and expand your vocabulary. Discussions will help you improve your speaking and listening skills, while writing exercises will facilitate your mastery of the material and develop your skills in composition. Designed to be taken at the same time as RUSS 205, this course will strengthen your grasp of the grammar covered in that course while allowing you to focus on reading techniques and the construction of the complex Russian sentence. Taking the two courses together will enable you to make a significant leap forward in learning the language. Honors students will choose an additional short story by one of our authors and develop reading guide questions and a glossary in the style of the other stories. Honors students will also have one additional presentation (on a historical theme) beyond the biographies of the authors that each student will present. *NOTE: RUSS 211 is only offered in the spring. It is designed to be taken in conjunction with RUSS 205; for Russian Studies majors, minors, and Three-Language majors this is necessary in order to proceed in the course sequence and be fully prepared for the 300-level. Satisfies the Group A requirement. PREREQ: RUSS 200, if not taken simultaneously with RUSS 200. Meets with the regular section.*

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

Myers, Holly

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: RUSS211 or RUSS305. Meets with the regular section.*

### **RUSS 465-080 Seminar (Add-On)**

Myers, Holly

Various authors and themes are reviewed. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: One 400-level Russian literature course. Meets with the regular section.*

## **Sociology (SOCL)**

### **SOCL 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, globalization, and how social issues are transformed into medical concerns. *No prerequisites. Open to all Honors College students.*

## **Spanish (SPAN)**

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

Finnicum, Carmen

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

Haq, Fatima

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 201-080/081 Spanish Reading and Composition (Add-On)**

McKenna, Susan

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 201-083 Spanish Reading and Composition (Add-On)**

Illarregui, Gladys

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 205-082 Spanish Conversation (Add-On)**

McCone, Thomas

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 Advanced Spanish Comp & Grammar I (Add-On)**

Dabkowski, Meghan

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 300-082 Advanced Spanish Comp & Grammar I (Add-On)**

Alcorn, Steven

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)**

McKenna, Susan

Spanish literature from the 18th century to the present. Selection of representative works, discussions and collateral readings. 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 304-080/081 Survey of Spanish American Literature (Add-On)**

McInnis-Dominiguez, Meghan / Braham, Persephone

This course examines works in all genres of Latin American literature in the 20<sup>th</sup> century. Honors students will watch three films outside of class and the section will discuss with the professor on a mutually agreed-upon schedule. The films will be selected for their relevance to the program and course goals. This is an enrichment opportunity and is not graded. *PREREQ: SPAN 201. Meets with the regular section.*

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

Rio, Aurelia

For individuals with a comprehensive knowledge of Spanish grammar and vocabulary. Emphasis on refinement of expression of abstract ideas as well as mastery of practical communication. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *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 Sciences (Add-On)**

Rio, Aurelia

Reading and Writing for the Sciences is devoted to the analysis and creation of professional discourse in Spanish as well as the study of the cultural issues related to science, health, and healthcare in the Spanish-speaking world. Students will hone their reading and writing skills in the Spanish language and develop their understanding of the ways health, illness, and medicine are perceived in Spanish-speaking cultures. The course aims to prepare students for careers in medical and scientific fields. Please contact the instructor for the specific honors components and the grading rubric for the honors work. *PREREQ: SPAN 201. Meets with the regular section.*

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

Alcorn, Steven

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 326-080/081 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 Topics: Golden Age Literature (Add-On)**

Botello, Jesus

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

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

Ilarregui, Gladys

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.*

**SPAN 471-080 Latin American Film (Add-On)**

Braham, Persephone

Examine major historical and present-day problems in Latin America through both classic and popular films. We will study key film techniques, social contexts and movements, and major artists including Bunuel, Gutierrez Alea, Bemberg, Pereira dos Santos, Meirelles, Gonzalez Inarritu and more. (Rated R). Honors students will watch additional three films outside of class and the section will discuss with the professor on a mutually agreed-upon schedule. The films will be selected for their relevance to the program and course goals. This is an enrichment opportunity and is not graded. *PREREQ: SPAN301, SPAN302, SPAN303, SPAN304, SPAN307, SPAN325, or SPAN326. Meets with the regular section.*

**SPAN 475-080/081 Hispanic Culture & Civilization (Add-On)**

Selimov, Alexander/Penix-Tadsen, Phillip

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: SPAN307, SPAN308, SPAN325, SPAN326. Meets with the regular section.*

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

Ilarregui, Gladys

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.*

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

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

David, Nina

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

Morrison, KC

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)**

Smith, Daniel

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

Laberge, Marie

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. Honors students will complete a research paper on a subject of their choice which explores any current topic of feminist significance in greater detail. Students are expected to incorporate the feminist theoretical perspectives that we are covering over the semester into their analysis of the topic.

*Meets with the regular section. Cross-listed with PHIL 216.*

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

Sabina, Chiara

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

Miller, Susan

Reviews historical and contemporary explanations for women's participation in crime and evaluates these explanations in light of current research on gender. Other topics include treatment of women offenders by judicial and correctional systems, women as victims of crime and women as criminal justice personnel. Please contact the instructor for the specific honors components and grading rubric for the Honors work. *Cross-listed with CRJU 350-080. Meets with the regular section.*

### **WOMS 363-080 Women in Cross-Cultural Perspectives: Women and Girlhood in Asia (Add-On)**

Sloane-White, Patricia

Using examples from China, Japan, South Asia, and the Middle East, this course examines how the lives of Asian women and girls have been constructed by cultural, religious, historical, and international forces and seeks to guide us to understand how they challenge the culturally pervasive stereotypes that often define their lives. Please contact the instructor for the specific honors components and grading rubric for the honors work. *Meets with the regular section. Cross-listed with ANTH 363.*

**WOMS 410-080 The Study of Women's Studies (Add-On)**

Hattery, Angela

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.*

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

**Notes:** Courses listed in bold are being offered this upcoming spring. You must take these courses for Honors credit to count as Honors Degree Capstone/Seminar courses. The Honors Degree Capstone and University Capstone requirements are different.

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

Asterisks (\*) indicate a note on the final page of the chart.

<b>Department</b>	<b>Course No.</b>	<b>Course Title</b>
Accounting	<b>ACCT 425-080</b>	<b>Strategic Information Systems &amp; Accounting</b>
Animal and Food Science	ANFS 404-080* <b>ANFS 411-080</b> <b>ANFS 417-080*</b> ANFS 418-080 ANFS 421-080 <b>ANFS 426-080</b>	Dairy Production <b>Food Science Capstone</b> <b>Beef Cattle and Sheep Production</b> Swine Production Poultry Production <b>Equine Management</b>
Anthropology	<b>ANTH 488-080</b>	<b>Tutorial in Physical Anthropology</b>
Art Conservation	ARTC 495-080	Seminar: Preservation Capstone
Art History	<b>ARTH 402-080</b> <b>ARTH 406-081</b>	<b>SEM: Depicting Race in Black Art</b> <b>SEM: The Art Around Charlemagne</b>
Behavioral Health and Nutrition	NTDT 460-080 NTDT 475-080  BHAN 490-080*	Community Nutrition Transcultural Foods and Cuisine (Hawaii section only) Development of Health Promotion Programs
Biological Sciences	<b>BISC 484-080</b>	<b>Computer Based Genetics Laboratory</b>
Biomedical Engineering	BMEG 450-080	Biomedical Engineering Design
Business Admin.	BUAD 441-080* <b>BUAD 478-080</b> BUAD 479-080	Strategic Management (Honors in fall sem. only) <b>Field Projects in Marketing</b> Marketing Strategy for the Firm
Chemical Engineering	<b>CHEG 432-080</b>	<b>Chemical Process Analysis</b>
Civil and Environ. Eng.	<b>CIEG 461-080*</b>	<b>Senior Design Project</b>
Cognitive Science	CGSC 485 CGSC 377-080	Language and Thought Critical Thinking in a Clinical Setting
Communication	<b>COMM 490-080</b>	<b>Communication Honors Capstone</b>
Computer and Information Science	<b>CISC 475-080</b>	<b>Advanced Software Engineering</b>
Computer and Electrical Engineering	<b>CPEG/ELEG 499-080</b>	<b>Senior Design II</b>
Economics	<b>ECON 423-080</b> <b>ECON 435-080</b> ECON 436-080 ECON/MATH 530-080	<b>Econometric Methods &amp; Models II</b> <b>Contemporary Macroeconomic Policy</b> Seminar in Public Policy Economics Application of Math in Economics
Education	<b>EDUC 470-080</b>	<b>Topics in Education</b>
Energy and Environmental Policy	<b>ENEP 472-080*</b>	<b>Senior Thesis</b>
English	<b>ENGL 480-080*</b> ENGL 491-080*	<b>Seminar: Literary Studies in a Moment of Crisis</b> Methods of Teaching Secondary English

Environmental Science/ Studies	<b>ENVR 450-081</b> <b>ENSC 450-081</b>	<b>Proseminar in Environmental Science</b> <b>Proseminar in Environmental Science</b>
Fashion and Apparel Studies	FASH 484-080 <b>FASH 490-080</b>	Design Expressions <b>Strategic Fashion Management</b>
Finance	<b>FINC 413-080</b>	<b>Advanced Corporate Finance</b>
History	<b>HIST 400-080</b>	<b>History Capstone Seminar: Political Economics of the Modern United States of America</b>
Human Development and Family Studies	<b>HDFS 422-080*</b> HDFS 481-080	<b>Family Relationships</b> Student Teaching Seminar
Hospitality, Business Management	<b>HOSP 489-080</b> HOSP 495-080	<b>HOSP Restaurant Management Practicum II</b> Hospitality Feasibility Studies
Kinesiology and Applied Physiology	<b>KAAP 400-080, 081, 082</b>	<b>Research Methods</b>
Leadership	<b>LEAD 490-080</b>	<b>Senior Capstone</b>
Mathematical Sciences	MATH 380 ➡ MATH 460-080 MATH 512-080 MATH 530-080	Approaches to Teaching Mathematics Introduction to Systems Biology Contemporary Applications of Mathematics Application of Mathematics in Economics
Mechanical Engineering	MEEG 401 MEEG 402 MEEG 467 ➡ MEEG 467 ➡	Senior Design (Honors sections will be available in the Fall semester once teams are created) Seminar: Electrical ENGRG Senior Design Seminar: ENVIRO ENGRG Senior Design
Medical and Molecular Sciences	<b>MMSC 443-080*</b> MMSC 444-080* <b>MMSC 462-080*</b> <b>MMSC 474-080*</b> <b>MMSC 476-080*</b> <b>MMSC 478-080*</b> <b>MMSC 481-080*</b>	<b>Biotechnology Practicum III</b> Biotechnology Practicum IV <b>Experiential Learning</b> <b>Clinical Chemistry Practicum</b> <b>Clinical Hematology Practicum</b> <b>Clinical Microbiology Practicum</b> <b>Clinical Immunohematology Practicum</b>
Music	<b>MUSC 695</b>	<b>Advanced Analysis and Interpretation</b>
Nursing	<b>NURS 478-080</b>	<b>Clinical: Care of Populations</b>
Nutrition	NTDT 460-080* NTDT 475-080*	Community Nutrition Transcultural Foods and Cuisine (Hawaii section only)
Philosophy	<b>PHIL 465-080</b>	<b>Senior Seminar</b>
Physics	<b>PHYS 660</b>	<b>Computational Methods of Physics</b>
Psychology & Neuroscience	PSYC/NSCI 436-080	Nature vs. Nurture
Spanish	SPAN 490-080 <b>SPAN 491-080</b>	Capstone Seminar in Hispanic Literature <b>Spanish Studies Capstone</b>
Urban Affairs and Public Policy	<b>UAPP 440-080*</b>	<b>Contemporary Policy Issues</b>
Women and Gender Studies	<b>WOMS 410-080</b>	<b>Women's Studies Capstone</b>

Honors Program	UNIV 490-080 <b>UNIV 495-080</b>	Honors Tutorial <b>Honors Seminar: Darwin: Abolitionism, Altruism, and Art</b>
Undergraduate Research	<b>UNIV 402-080</b>	<b>Second Semester Senior Thesis</b> <i>(Must be taken for no less than 3 credits.)</i>

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

ANFS 404 and 417: Offered in alternating springs.

ANTH 486/487: Made Honors through Individual Honors Contract.

BHAN 490: Offered Honors in fall semester only.

BMEG 450: Offered Honors in fall semester only

BUAD 441: Offered Honors in fall semester only.

CHEG 432: Offered Honors in spring semester only.

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

CIEG 461: Both semesters (4 cr. total) must be taken Honors..

CISC 475: Offered Honors in fall semester only.

EDUC 470: Offered Honors in spring semester only.

ENEP 472: Required Honors course for ENEP majors.

ENGL 491: Required courses for XEE majors.

ENGL 480: Required course for ENGL majors.

HDFS 422: Open to majors only.

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

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

UAPP: Required Honors course for UAPP majors.

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