



# Honors Course Booklet Spring 2020

## Course & Registration Information

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# Honors ENGL110

Honors ENGL110 sections are open to first-year Honors Program students only. Registration for ENGL 110 courses will take place on **November 20<sup>th</sup> at 8:00 a.m.**

A 3.00 GPA after the fall semester is required to keep enrollment in Honors ENGL110 sections.

## ENGL 110-080

### Restorative Justice: Nature, Self, and Society

Daniel Freeman

MW 8:40 – 9:55



While in jail, Martin Luther King Jr. wrote the following: “Injustice anywhere is a threat to justice everywhere. We are caught in an inescapable network of mutuality, tied in a single garment of destiny. Whatever affects one directly, affects all indirectly.” This course will examine the inseparability of ourselves, others, and the environment while asking fundamental questions about finding meaning and purpose. What does it mean to live a good life? How important is it to work for justice? What is our relationship—our society’s and our own—with technology? How do we talk to and treat others? How do we talk to and treat ourselves? At a time when the world, both politically and environmentally, is rapidly changing, what can—and should—we do? We’ll be reading

nonfiction and fiction on topics such as gender, class, race, education, technology, communication, and nature. In addition to essays, articles, poems, and short stories, we’ll also be reading Dahr Jamail’s book *The End of Ice*, which explores the scientific, societal, and existential aspects of grappling with an increasingly unstable climate. Assignments will ask students to express themselves persuasively in a variety of forms, including a narrative essay, a research paper with presentation, a podcast, a visual rhetoric piece, an interview, and a public service announcement. The overall intent of the course is for us to come to a deeper understanding, as a community of compassionate and inquisitive learners, of how each of our threads ties into the larger fabric.

## ENGL 110-081

### Sports and the Outdoors in American Literature

John Jebb

MWF 11:15 – 12:05



Sports, athletes, and the outdoors have among their fans some renowned American writers. So this course will use athletics as a means to encounter some great American texts and use these texts as springboards into writing. Among fiction writers who were sports fans, possible authors and their works for our course may include Ernest, Ring Lardner, William Faulkner, Mark Harris, the playwright Sarah DeLappe. Many professional sportswriters are superb stylists, so we may sample the works of

journalists Frank Deford and Gary Smith and Jon Krakauer. We will use these authors to investigate such topics as the value of the wilderness, team psychology, coaching, differences between male and female athletes (and coaches), athletics in the minority community, and more. We will also consider rhetorical approaches, the authors' points of view, even reporters' research methods. Writing projects will allow you to explore some of these topics as they are treated in our readings and to augment what our authors say with your own experiences as athletes and fans.

## ENGL 110-082

### The Theory and Practice of Nonviolence

James Burns

MWF 8:00 – 8:50



In a world seemingly racked by war and violent conflict there exists a little regarded alternative way of settling disputes. Nonviolence has a long (and effective) history in many parts of the world. The class will explore both the secular and religious origins of Nonviolence by examining writings by authors such as Gandhi, King, Tolstoy and Chavez. We will deal with those who are committed to Nonviolence as a principle, as a tactic, and as a personal practice. We will probe the connections of Nonviolence to contemporary political movements, such as feminism. We will see how Nonviolence is implemented, including specific examples drawn from different regions of the world. The class will allow us to develop critical thinking about the nature and

efficacy of both violence and nonviolence, and discover ways that nonviolence can be employed to achieve meaningful objectives. Students will write papers on the three areas of focus, cumulating with a research paper that may expand one of the three with significant research. The main text for the class will be *Nonviolence in Theory and Practice*

by Barry Gan and Robert Holmes, along with other relevant materials from my own experience using nonviolence as a means of political change.

### **ENGL 110-083**

#### **Debunking: Quackery, Pseudoscience, and Conspiracy Theories**

**Ray Peters**

**TR 9:30 – 10:45**



This course will explore debunking of quackery, pseudoscience, and conspiracy theories by analyzing pseudoscientific thinking in print, film, tv shows, and advertising. In particular, we will examine unscientific claims about vaccines, alternative medicine, conspiracies, fringe science, paranormal phenomena, U.F.O.s, and aliens. Throughout the course, the emphasis will be on the rhetorical analysis of texts, focusing on the techniques that result in effective debunking. Readings may include Carl

Sagan's *The Demon-Haunted World: Science as a Candle in the Dark*, Paul Offit's *Do You Believe in Magic? The Sense and Nonsense of Alternative Medicine*, and Kendrick Frazier's *Science Under Siege: Defending Science, Exposing Pseudoscience*. In order to examine the latest in pseudoscience and conspiracy theories, we will also read online sources such as Quackwatch, Snopes, and the Science-Based Medicine Blog. In order to develop skills in academic writing, we will analyze research papers in the Arak Anthology and other samples of academic writing. Students will write brief response papers, critical reviews, analytical essays, and a research paper and multimodal project analyzing why people believe weird things.

### **ENGL 110-084**

#### **Animal Authors: How We Write with Others**

**Nicolette Bragg**

**TR 2:00 – 3:15**

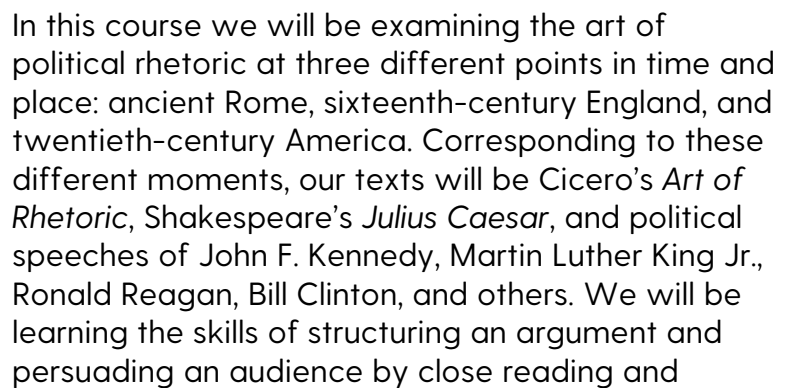


We often think of the ideal writing space as somewhere quiet, somewhere we can go to concentrate on the challenging task of transforming complex ideas into accessible prose. Even if this space is a library or a coffee shop, there is still this sense of privacy. Writing feels solitary. This composition class wonders what would happen if this space were to be interrupted or this solitude broken. Would this interruption only thwart our writing or could it also create something new? To answer this question, we take animals as our example, exploring the different

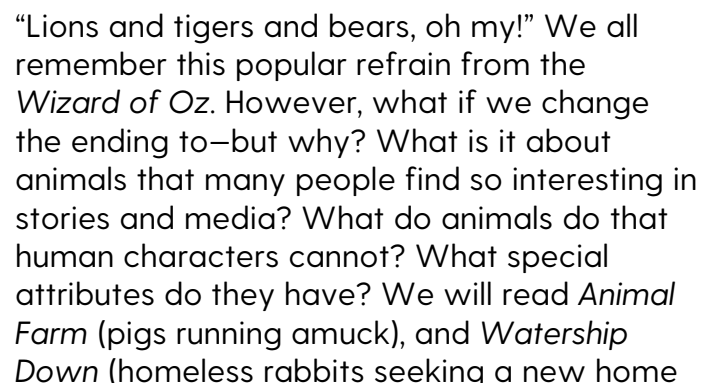
ways these creatures seemingly unrelated to the writing project emerge within our writing spaces. We will examine a range of scenarios and texts, from cat pawprints across ancient manuscripts, to children reading to dogs in public libraries, to nonfiction work like J.M. Coetzee's *The Lives of Animals*, even to philosophy, like Jacques Derrida's *The Animal that*



**ENGL 110-085**  
**The Art of Politics**  
**Kristen Poole**  
**TR 9:30 – 10:45**



**ENGL 110-086**  
**The Beast in Narrative**  
**Frank Hillson**  
**MWF 12:20 – 1:10**



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reading assignment. A second essay gives you the opportunity to use your visual rhetoric skills to analyze ads or posters that deal with beasts in movies or in merchandise (animals make great sales people, hence the Geico lizard). Other assessments will include another short essay, participation, quizzes, a presentation on your research topic, and the research paper where you will address an animal (or animals) in literature or movies or advertisements (current media) and evaluate their role and impact in society.

## **ENGL 110-087**

### **Beats and the 60s Counterculture**

**Kevin Burke**

**MWF 1:25 – 2:15**



In the midst of the prosperity and social stasis of the 1950s, the bohemian phenomenon of the Beat Generation rose as a challenge to conventional American mores. In novels like *On the Road* (Kerouac) and *Naked Lunch* (Burroughs), and poems like *Howl* (Ginsberg), Beat writers challenged norms of sexuality, drug use, and spirituality through experimental literary and artistic work. The effects of the beats and the 60s counterculture continue to be felt today in art, music, literature, and film, as well as in current

protest movements. Our engagement with the Beat generation and the 60s will focus heavily on primary sources through UD exhibition at the Old College Gallery, and UD Special Collections manuscripts and its collection of rock posters. Texts to be considered will include the *Portable Beat Reader*, Tom Wolfe's *Electric Kool Aid Acid Test*, and works by Germaine Greer, Eldridge Cleaver, Gary Snyder. Students can expect to complete several short papers on topics related to the countercultures of the 50s-70s, and a research paper and presentation focused on the legacy of the countercultures in our time.

## **ENGL 110-088**

### **You Are What You Eat: Food, Fiction, and Film**

**Andrew Ross**

**MWF 9:05 – 9:55**



This first-year writing seminar brings together disciplines such as sociology, visual studies, public health, and environmental justice to explore food culture in its many permutations. In addition to examining eating as a social and political act, we will look closely at the ways that food carries aesthetic and poetic implications. In addition to thinking about the ways that we “eat first with our eyes”—from the visual culture of food packaging and advertising to films and television shows from

*Ratatouille* to *The Great British Baking Show*—we will consider the depiction of food in texts such as contemporary cooking memoirs, and the poetry of Wendell Berry. The course

features 3 writing assignments: a rhetorical analysis of the way that a fruit or vegetable is depicted in our broader popular culture; a service-oriented project that asks students to learn about a particular issue or problem by participating in the work of a local food-related agency such as the UD College of Agriculture's Garden for the Community and the Delaware Center for Horticulture; and a researched essay about historical or contemporary food culture, linking their research to their own academic and professional interests. The course concludes with a collaborative dinner in which we imagine the "state of the plate" in the year 2080, and what a changing climate will do to the way we eat six decades from now.

## **ENGL 110-089**

### **You Are What You Eat: Food, Fiction, and Film**

**Andrew Ross**

**MWF 10:10 – 11:00**



This first-year writing seminar brings together disciplines such as sociology, visual studies, public health, and environmental justice to explore food culture in its many permutations. In addition to examining eating as a social and political act, we will look closely at the ways that food carries aesthetic and poetic implications. In addition to thinking about the ways that we "eat first with our eyes"—from the visual culture of food packaging and advertising to films and television shows from

*Ratatouille* to *The Great British Baking Show*—we will consider the depiction of food in texts such as contemporary cooking memoirs, and the poetry of Wendell Berry. The course features 3 writing assignments: a rhetorical analysis of the way that a fruit or vegetable is depicted in our broader popular culture; a service-oriented project that asks students to learn about a particular issue or problem by participating in the work of a local food-related agency such as the UD College of Agriculture's Garden for the Community and the Delaware Center for Horticulture; and a researched essay about historical or contemporary food culture, linking their research to their own academic and professional interests. The course concludes with a collaborative dinner in which we imagine the "state of the plate" in the year 2080, and what a changing climate will do to the way we eat six decades from now.



**ENGL 110-090****Creativity: Myths and Resistance****Shailen Mishra****TR 12:30 – 1:45**

The theme of this course will be creativity and its two aspects: myths surrounding creativity and the creative ways people resist their oppressive circumstances. In the first part of the course, we will study and challenge the myths/misconceptions surrounding creativity. Our textbook for this purpose will be [\*The Myths of Creativity\*](#), which is a heavily-researched popular non-fiction book. You will imitate this writing genre in the first writing project, wherein you will address some of the writing myths that affect us as writers, especially the writing community at UD. Early in the semester, a sample survey of UD students will inform you of some of the

writing myths prevalent among UD student population. You will select a myth that you have personal stake or interest in, and you will produce a well-researched and engagingly-written article that refutes the myth or develops a complex understanding of it. In the second part of the course, we will turn our attention to creative resistance. How creativity is used to wage a freedom struggle? How an oppressed group employs creative means to challenge their oppressors? How creative protests are forged and imagined? How an artistic expression can be protest too? For the second writing project, you will choose a non-fiction writing genre of your choice and produce a research-based work on creative resistance.

**ENGL 110-091****Patriotism, Propaganda, and Poetic Rhetoric****Paula Persoleo****MWF 2:30 – 3:20**

This course will urge students to become part of the conversation between political agenda (i.e., encouraging patriotism through propaganda) and alternative viewpoints. Students will determine how rhetoric can reshape a culture's ideology, specifically during the Counterculture Movement, the Civil

Rights Movement, the Vietnam War, and the current worldwide fight for gender equality. Texts will include *The Portable Beat Reader*; *Words of Protest*, *Words of Freedom*; and *Washing the Dust from Our Hearts*. Students will also read and discuss relevant essays (including “A Change Ain’t Gonna Come” and “Why Afghan Women Risk Death to Write Poetry”), political posters, and music (from Bob Dylan to Jefferson Airplane) that speak to the dialog of protest. Assignments will include short essays that respond to, critique, and analyze the roles of these poets. A research project, including a 10-page essay and an oral

presentation, will demonstrate students' understanding of the rhetoric of protest in a historical context.

**ENGL 110-094**

**Writing the Environment**

**Brooke Stanley**

**TR 11:00 – 12:15**



As climate change accelerates and vulnerable populations experience toxic landscapes, rising seas, and amplified storms, environmental writing has become a crucial category of communication. In this honors Seminar in Composition, we will study environmental writing as a springboard to develop your own writing. We will examine several genres: essay, memoir, fiction, poetry, documentary film, and journalism (print, online, and audio). We'll read South African, West African, Caribbean, South Asian, East Asian, European, and American authors. Texts will include Arundhati Roy's "The Greater Common Good," Njabulo Ndebele's "Game Lodges and Leisure Colonists," Christa Wolf's *Accident: A Day's News*, John Hersey's *Hiroshima*, Haruki Murakami's

*after the quake*, Ben Okri's "What the Tapster Saw," Kamau Brathwaite's *Islands*, Josh Fox's *Gasland*, and reportage on drought, fracking, and climate justice. We will investigate not only *what* these authors write, but also *how* they write about it: what rhetorical strategies are used in environmental writing, and why? How might these strategies be useful in your own writing? We'll practice writing for a variety of lengths, platforms, and audiences. Assignments will include brief response papers, analytical essays, blog posts, creative writing, and a research-based final project with print and audio components.

# Honors Colloquia

Colloquia are open to first-year Honors Program students. Registration for colloquia courses will take place on **November 20<sup>th</sup> at 9:00 a.m.**

A 3.00 GPA after the fall semester is required to keep enrollment in Honors colloquia sections.

## HONR 290 sections fulfill a University Creative Arts and Humanities breadth (see note)\*

### **HONR 290-080**

#### **From Gilgamesh to Godzilla: We are the Storytelling Animal**

**Steve Tague**

**MWF 10:10 – 11:00**

We stream four seasons of Grey's Anatomy in one weekend, binge on Luther, watch repeats of The Wire, Jones like an addict for the next season of House of Cards. "What is wrong with you," your parents ask (while they secretly do the same thing)? Next time they ask, tell them, "I am rehearsing for life." This is what Johnathan Gottschall thinks. If that doesn't satisfy say, "I am seeking a kind of Jungian balance in my life." This is what Christopher Booker believes is at the bottom of our insatiable appetite for stories. There is no question that our appetite for stories seems without limit, the evidence is overwhelming, but the rather hot topic of why, as it burns up the evolutionary biology, psychology and neuroscience journals, will be the subject of this class. In this class we will use many of the forms of narrative that we consume: movies, TV, song lyrics and poetry, novels and plays. We will be reading "The Storytelling Animal" by Gottschall and many articles and columns from the NY Times and the Wall Street Journal about who we are as a culture in this country, particularly in art and entertainment. The student will be asked to write four papers. One of the papers will explore which of the "seven basic plots" is most attractive to them and why. In a second paper, students will be asked to write about something that bothers them in our culture. A third will be about the story of the student and the final paper about who we are as a culture, now, in the US. All four papers will be in the form or style of personal essay, writing mostly in the first person, transecting, as Emily Fox Gordon has written, "the past, slicing through it first from one angle, then from another, until—though it can never be captured—some fugitive truth has been definitively cornered."

### **HONR 290-081**

#### **Ethnomathematics**

**John Jungck**

**MWF 12:20 – 1:10**

Ethnomathematics will explore connections between the arts, cultural anthropology, and mathematics by looking at weavings, pottery, paintings, maps, calendars, etc. from different cultures around the world to appreciate their beauty and craft through lenses of mathematical patterns (such as tessellations, fractals, symmetry, knot theory, graph theory, networks, chaos, automata). Ethnomathematics is defined by Brazilian Ubiratan D'Ambrosio as intersections of culture, historical traditions, sociocultural roots, and mathematics. It seeks to answer a perennial question of students in mathematics classes everywhere: What's the

relevance to issues of equity and social justice? Our objective is to identify, understand and appreciate some of the distinctive intellectual and cultural accomplishments of underrepresented groups here and abroad. We will explore how different cultural groups comprehend, articulate and embed beauty within their artifacts, ideas, and practical applications that use mathematical patterns. The mathematics only assumes high school level algebra and geometry. We will study works by anthropologists, artists, and mathematical civil rights activists involved with social justice who are also accomplished authors (such as Marcia Ascher, Yasuo Akizuki, Robert Moses, Ron Eglash, Paulus Gerdes, Claudia Zaslavsky, Abdul Karim Bangura, Maurizio Covaz Gnerre, Michael P. Closs, and Tonya Gau Bartell) as well as provocative works on contemporary issues like fair voting, equity, and equality. Students will present visually and orally about art works, and write brief response papers, an analytical essay, and a research paper analyzing the connection between mathematics, social justice, and the arts by focusing on a culture or artist of their choice.

### **HONR 290-083**

#### **Gothic and Science Fiction Trends in Arabic Literature**

**Ikram Masmoudi**

**TR 3:30 – 4:45**

Contemporary Arab writers from Egypt, Iraq and Syria are using Gothic conventions and science-fiction to address the darkness and the barbarity of the social and political landscapes in the Middle East. Through a selection of award winning novels and short stories this course will examine some of the new trends in Arabic fiction addressing civil wars, social disparities and future speculations about Arab societies. Among the novels we will read are *Frankenstein in Baghdad*, *Otared*, *Utopia* and *Death is Hard Work*. All the materials are in English; no knowledge of Arabic is required.

### **HONR 290-084**

#### **From Gilgamesh to Godzilla: We are the Storytelling Animal**

**Steve Tague**

**TR 2:00 – 3:15**

We stream four seasons of Grey's Anatomy in one weekend, binge on Luther, watch repeats of The Wire, Jones like an addict for the next season of House of Cards. "What is wrong with you," your parents ask (while they secretly do the same thing)? Next time they ask, tell them, "I am rehearsing for life." This is what Johnathan Gottschall thinks. If that doesn't satisfy say, "I am seeking a kind of Jungian balance in my life." This is what Christopher Booker believes is at the bottom of our insatiable appetite for stories. There is no question that our appetite for stories seems without limit, the evidence is overwhelming, but the rather hot topic of why, as it burns up the evolutionary biology, psychology and neuroscience journals, will be the subject of this class. In this class we will use many of the forms of narrative that we consume: movies, TV, song lyrics and poetry, novels and plays. We will be reading "The Storytelling Animal" by Gottschall and many articles and columns from the NY Times and the Wall Street Journal about who we are as a culture in this country, particularly in art and entertainment. The student will be asked to write four papers. One of the papers will explore which of the "seven basic plots" is most attractive to them and why. In a second paper, students will be asked to write about something that

bothers them in our culture. A third will be about the story of the student and the final paper about who we are as a culture, now, in the US. All four papers will be in the form or style of personal essay, writing mostly in the first person, transecting, as Emily Fox Gordon has written, “the past, slicing through it first from one angle, then from another, until—though it can never be captured—some fugitive truth has been definitively cornered.”

### **HONR 290-085**

#### **All the World's a Stage: Performance, Illusion, and Reality in Shakespeare's Plays**

**Chris Penna**

**TR 11:00 – 12:15**

In obvious and not so obvious ways, Shakespeare frequently presents instances of performance and the creation of illusion in his plays. We see this in his early plays as well as his late plays, in the tragedies, the comedies, the history plays, and the romances. This colloquium will focus on a close reading of a range of representative plays and consider some of the epistemological assumptions behind this relationship between the theatrical illusion and “reality.” Likely plays include tragedies like *Romeo and Juliet*, *Hamlet*, and *King Lear*; comedies like *A Midsummer Night's Dream* and *Twelfth Night*; history plays like *Richard II*; and romances, like *The Tempest*. The colloquium will be built primarily on class discussions. We'll also watch performances of some of the plays as well as listen to conversations among Shakespearian actors and directors. In addition to developing a richer awareness of questions of how we know what we know, students will also develop skills in close readings of Shakespeare's texts, and respond to those readings in discussions, formal papers, and informal online discussions. Students will have the opportunity to revise and resubmit graded formal papers based on the feedback they receive.

### **HONR 290-086**

#### **Gods, Heroes, and Superheroes and Mythology**

**Alan Fox**

**TR 9:30 – 10:45**

We will examine religion and myth by looking at its most modern expression in the Superhero genre. Superheroes are a modern form of mythology, in that religious motifs are prominent in the characters, situations, and ideas presented in these stories. For instance, in the case of Superman, this includes the fact that Superman's Kryptonian family name, El, is the Hebrew word for any divine being, and he is the only son of a father from a distant planet sent to save humankind, discovered by locals like Moses in his basket of reeds. It is characteristic of the archetypal and mythic nature of comics that characters like Superman and Batman can be reinvented in so many different ways and still retain their power and influence. We will read works by Carl Jung and Joseph Campbell about myth and archetype, and movies, graphic novels, and novels including *American Gods*, *Kingdom Come*, *the Dark Knight Returns*, *the Ultimates*, and *Watchmen*, among others. Students will write several response papers, two extended essays with rewrites, and a final research paper on the topic of the student's choosing. Class participation will also be emphasized.

**HONR 291 sections fulfill a University History and Cultural change breadth (see note)\***

**HONR 291-081 and HONR 291-082**



## **The Impact of Sports on Race, Culture and Society**

**Ron Whittington**

**TR 8:00 – 9:15 & TR 9:30 – 10:45**

This course will focus on moments in history from the 1800s to the present where sports played a major role in forming attitudes and shaping cultures. We will discuss points in time where the very mention of a sports figure could incite a riot, cause youth to spend enormous sums of money to purchase the latest styles or brand names, or lead a government to bid and host Olympic events that will ultimately bankrupt the economy. We will also discuss the impact of sports in the quest for human rights, asking questions related to equality of gender as well as race. An atmosphere of respect will be present at all times, even when there are different points of view presented. Reading include: From Jack Johnson to LeBron James: Sports, Media, and the Color Line by Chris Lamb, University of Nebraska Press (2016). Additional articles, books and films related to class discussion topic will be assigned as needed.

## **HONR 291-083**

### **The Art of the Border**

**Caitlin Hutchison**

**MWF 9:05 – 9:55**

Brexit and the Irish backstop, referendums on Scottish and Catalan independence, mass migrations of Middle Eastern peoples, and the proposal to build a wall between the United States and Mexico have intensified discussions of national identities and boundaries, as well as their physical manifestation in the form of border monuments. These physical borders can alternate between hard and soft, shift locations, or become politically obsolete, but the markers that remain memorialize long histories of cultures and speak to the essential values that these groups desired to convey to outsiders. Through art, film, and literature, we will explore definitions and debates concerning borders and their tangible expression in the form of monuments from the ancient period until the current day. Along with regional boundaries, we will also broadly consider conceptual, societal, and religious borders and rites of passage, as well as any monuments or architecture that highlight these transitional spaces from across time and space. Some of the case studies from history that we will investigate include the boundaries between man and god in Ancient Greece, the apotropaic markers of liminal spaces of Rome and Pompeii, the zones of contact between the Roman Empire and “other” groups on its expansive periphery, the Christian beliefs in duality and intercession as expressed by the cross and medieval church architecture, and the construction and purpose of the Great Wall of China. This course will also examine contemporary topics, such as the political and societal implications of the Berlin Wall-Iron Curtain, the contentious debates surrounding the Mexican-American border and illegal migration, and the significance of the Northern Irish border and the murals of Belfast’s neighborhoods both during the Troubles and in today’s ongoing Brexit negotiations. Through readings, class discussions, and short response papers, students will develop their skills in visual analysis, critical thinking, and persuasive writing to assist them in completing a final project that involves a short presentation and research paper on the “border” of their choice.

**HONR 291-084****From Corporate Board Rooms to College Dorm Rooms: Delaware's Court of Chancery and How it Shapes America****Jonathan Russ****MWF 1:25 – 2:15**

How is it that Delaware became America's corporate capital, the state in which thousands of firms both large and small are incorporated? In large part, the answer has to do with Delaware's Court of Chancery, an entity established in 1792 that evolved into the single most important court guiding U.S. business affairs. At first blush, it's something of a peculiar entity; it doesn't utilize a jury in reaching decisions, and it traces its roots to English courts predating the American Revolution by centuries. Its judges base their rulings on the concept of equity that might otherwise be unavailable in more rigid courts of common law. And yet, although the Court specializes in matters affecting corporate America, its rulings have had a profound impact upon the University of Delaware as well. To best study Chancery and its sweeping reach, students will read various case histories from the Court, including *Parker v. U.D.* (the case that desegregated the University,) *Gebhart v. Belton* (which became one of four cases that were combined into *Brown v. Board of Education* in which the U.S. Supreme Court found segregated education to be unconstitutional,) *Keegan v. U.D.* (another case ultimately wending its way to the Supreme Court that established the freedom of religious worship on public college campuses,) and *Time v. Paramount* (the case that dramatically reshaped the relationship between shareholders and corporate boards, leading to a wave of corporate mergers and acquisitions in the 1980s and '90s.) In addition to reading landmark cases, students will hear from guest lecturers connected to the Court. Although there will be no exams, students will be expected to participate in class discussions and write several papers.

**HONR 292 sections fulfill a University Social and Behavioral Sciences change breadth (see note)\*****HONR 292-080****The Global Energy Revolution: Fossil Fuels to Fracking to Renewables****John Madsen****TR 12:30 – 1:45**

In this colloquium, we will explore the on-going global energy revolution involving the transition from fossil fuels (coal, oil and natural gas) to unconventional sources of oil and natural gas via fracking to clean, renewable energy sources. Through a series of problem-based learning investigations, we will examine the geologic setting, exploration and recovery, and human use of fossil-fuels, the various types of renewable energy sources including hydropower, solar, wind, and biomass, and examine some potential solutions to reverse global warming. Activities to be completed during this seminar will include three group written reports, oral/slide and poster presentations, two individual essays focused on

current global energy issues, and an individual research report on a topic of interest derived from participation in the course. Readings will include the trade book "Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming" by Paul Hawken and selected materials from energy-related reports and texts.

### **HONR 292-081**

#### **Our Own Worst Enemy: Overpopulation and the Environment**

**Jack Bartley**

**TR 11:00 – 12:15**

**"We have met the enemy and he is us."** Walt Kelly's famous phrase from his 1971 Earth Day Pogo cartoon strip continues to ring true almost a half century after it was published. People are very good at making babies and keeping them alive until they mature; in turn, they make babies of their own. So, what traits do humans possess that make us so successful at reproduction, and how has this explosive population growth affected the environment? We will begin by examining several models of population growth to see how humans fit into various reproductive strategies. Is it possible that we can draw an analogy between our growth rate and that of a fermenting vat of beer? Using several chapters from Jared Diamond's *Guns, Germs and Steel* we will see how the structure of our planet has affected population growth around the globe. In addition to sheer numbers, humans have developed technologies to exploit the Earth's resources far beyond the capabilities of any other organism. We will use excerpts from Dawkins' *The Selfish Gene*, the National Geographic video *The Power of Water*, an interview with Garrett Hardin, and articles and essays from current publications to try to understand how population growth is the driving force behind the environmental problems we face today. Students will write short response pieces, two essays, and a research paper throughout the semester.

### **HONR 292-083**

#### **Grand Challenges for Innovation and Society**

**Sujata Bhatia**

**TR 3:30 – 4:45**

As a society, we must not confuse technological advancement with moral progress. If we fail to do so, then we are in danger of becoming "tools of our tools," in the words of Henry David Thoreau. Since the ultimate goal of technology is to improve the quality of life for all, we must be cognizant of not only the technical feasibility of our designs, but also the social impact on humanity, as well as the environmental impact on our shared planet. Technology structures our communication, transportation, education, health care, and economy. Technology drives the distribution of food, water, energy, and shelter. Technology shapes the way we work, the way we are born, the way we die, and the relationships we form in between. Novel technologies can assuredly bring societal benefits, yet these technologies can also exaggerate societal disparities, leave out underserved communities, create moral and legal dilemmas, and remove human agency. The National Academy of Engineering convened a panel of leading scientists, engineers, and policymakers to identify the most important challenges for engineers in the 21st century. The 14 challenges, known as the Grand Challenges for Engineering, are grouped into four categories – energy & environmental sustainability, health, security, and joy of living. However, the Grand Challenges have not fully addressed the philosophical and

moral dimensions of novel innovations. In this course, students will examine each of the Grand Challenges for Engineering from a critical and multidisciplinary perspective. Students will discuss the moral, ethical, social and cultural dimensions of the engineering innovations, as well as the technical and economic feasibility of engineering designs. Students will discuss strategies for designing technology to support a diverse and growing global population, thereby bridging the technical-social divide. Readings will include articles on emerging technology from *Wired*, *Scientific American*, and *The New Yorker*; excerpts from science fiction such as *Do Androids Dream of Electric Sheep?* by Philip K. Dick; and policy reports from the National Academies of Science, Engineering, and Medicine. Students will write papers and make oral presentations, in which they will propose modifications to the Grand Challenges. Diverse students with a variety of interests and backgrounds outside of engineering would benefit from this course, including (but not limited to) sociology, economics, philosophy, science, history, business, education, and public policy.

\* In most cases, Honors Colloquia are approved to fulfill both University and College-level Breadth requirements as indicated, except in the College of Agriculture & Natural Resources and the College of Education & Human Development where they can only count as University Breadth, if applicable. Finance Majors should check with the College of Business & Economics Undergraduate Advising Office for approval of Colloquia into the finance majors' College-level breadth requirements.

## 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.*

### **ARSC 316-080/ENGL 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 UDHP 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 Tutorial

*Open to Honors Degree candidates only. A tutorial allows a small number of students to work intensively with a faculty member on a set of selected readings. Typically, no examinations are given, but written work is required and students should expect to do significant independent study in preparation for group discussions. This course satisfies the Senior Capstone requirement for the Honors Degree if taken in one of the last two semesters before graduation. It also satisfies the Arts and Sciences Second Writing requirement. This course is open for HD candidates to enroll.*

### **UNIV490-080 Varieties of Valuing**

Powers, Thomas

This Honors Tutorial will be run as a graduate-style seminar, where the students are responsible for the direction of the discussion. There will be no lectures. All reading assignments must be completed before the class in which we discuss them, and students will then introduce and explore (with the help of the instructor) the main themes. The unifying theme of the course is *value* (or varieties of valuing). The readings are arranged (somewhat) historically, and explore perspectives on values from social, political, economic, environmental, and technological perspectives. Two of the nine books are fiction, and there is one film. Several of the readings will be discussed over a two-week period (indicated by\*). Course reading will include: Kant, *Idea for a Universal History with a Cosmopolitan Intent and Perpetual Peace*; Wollstonecraft, *A Vindication of the Rights of Woman*\*; Nietzsche, *On the Genealogy of Morals*; Shelly, *Frankenstein or The Modern Prometheus*; Axelrod, *The Evolution of Cooperation*; Nussbaum, *Creating Capabilities: The Human Development Approach*; Moore, *The Pine Island Paradox: Making Connections in a Disconnected World*; Gibson, *Neuromancer*; Lessing, *Code, and Other Laws of Cyberspace*\*; Herzog, *Lo and Behold: Reveries of the Connected World* (film). **RESTRICTIONS:** *Open to Honors Degree candidates only. Satisfies Arts and Sciences Group A and Second writing requirements. Satisfies the Senior Capstone Requirement for the Honors Degree and the Honors Degree with Distinction if taken in one of the last two semesters before graduation.*

## Departmental Courses

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

### **Accounting (ACCT)**

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

Paretta, Robert

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

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

White Jr., Clinton

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. *Open to junior and senior Accounting majors only. 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

This course will focus on examining how and why the U.S. food system works as it does, by taking a closer look into the fascinating and complex world of food science. We will analyze the components of foods in terms of their chemical make-up and use as functional ingredients. We will tackle contemporary issues facing today's world where we attempt to feed the world in an economical fashion and maintain sustainability while doing so. How do large food production systems, global ingredients, food manufacturers, consumers, food safety, packaging, and organic agriculture all fit into this big picture? In this course you will gain an appreciation for the complexity of the U.S. food production and distribution systems while developing a basic knowledge of contemporary issues affecting food production, consumer satisfaction, and food safety. Honors students will meet with the regular section and in an additional section each

week to critically evaluate and discuss controversial and important aspects of food production in the United States and on a global scale as represented through contemporary literature and media. Students will be given the opportunity and the tools needed to communicate their findings to the public. *Meets with the regular section.*

### **ANFS 240-080/082L 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 section of the laboratory portion of this course will meet on Mondays 1:25-4:25. Honors students 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 in pairs on these projects. All of these projects, dissections and rubrics will be discussed in detail during the first lab session. *Serves as prerequisite for advanced departmental courses. Meets with the regular section.*

### **ANFS 251-080/080D 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 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)**

Hoover, Dallas

Students enrolled the Honors sections will meet with the regular section in which areas and topics in food science and technology will be covered. In addition, the Honors section will meet in a joint session with the honors section of ANFS 102 *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. Honors students will discuss crucial controversial issues related to agriculture and food production today. The culmination of students' learning will be poster presentations 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 404-080/080L/081L Dairy Production (Add-on)**

Gressley, Tanya

This course is a study of nutrition, reproduction, physiology, health, and management as they relate to modern dairy production. Honors students are assigned in groups to work with a local dairy producer during the semester. Honors students will collect data during approximately three trips to the producer outside of class time. Students will critically evaluate performance of the herd and present their findings and suggestions to the producer. *PREREQ: ANFS 101. Meets with the regular section.*

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

Joerger, Rolf

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

#### **ANFS 426-080 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. *Laboratory may require some out-of-class time for hands-on experience. PREREQ: ANFS101 or ANFS220, AND ANFS251 or ANFS241, or permission of 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.*

### **ANFS 451-080 Emercengy Animal Management (Add-On)**

Li, Yihang

This course is a comparative study of digestive anatomy, the nutrients, their metabolism and physiological function in domestic food animals. Emphasis on effects of nutrition on productivity, health and well-being of animals. Includes laboratory/discussion section on animal feeds and feed ingredients. *PREREQ: ANFS101. Meets with the regular section.*

### **ANFS 470-080 Principles of Molecular Genetics (Add-on)**

Keeler, Calvin

In this course, the fundamentals of nucleic acid biochemistry (replication, repair and recombination) and bacterial genetics are studied to provide the background needed for detailed study of selected topics in animal and plant molecular biology. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ANFS300 or permission of instructor. 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 record 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. *Meets with the regular section.*



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

Rosenberg, Karen

This course examines human skeletal anatomy with an eye towards paleontological, archaeological and forensic applications. In this Honors add on, students will have an opportunity to pursue whichever of these areas they find most interesting. They will have a chance to work directly with human and primate skeletal material in the laboratory and to do a research project, designed in collaboration with the instructor. *Meets with the regular section.*

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

Rocek, Thomas

This course covers the history, theory and method of physical anthropology. *Open to majors only. Requires permission of the instructor. Meets with the regular section.*

## **Arabic (ARAB)**

### **ARAB 301-080 Advanced Reading in Arabic (Add-On)**

Masmoudi, Khalil

This course is taught sequentially, directly following ARAB 205. It introduces students to new grammar through reading comprehension, vocabulary, conversation and essay writing. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ARAB 205. Meets with the regular section.*

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

### **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 a *service-learning project*. This additional enrichment will involve three visits to a local school where students will observe, interact, assist, and teach arts-integrated lessons. These lessons will be video recorded and excerpts will be presented to the class for constructive critique. *Meets with the regular section.*

## **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. The class will provide students with a basic knowledge of conservation terminology, conservation literature and research resources, methods of conservation documentation, and prepare students for conservation internships. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ARTC 301. Meets with the regular section.*

## **Art History (ARTH)**

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

Chapman, Perry

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.*

### **ARTH 198-080 Studies in World Art and Architecture (Add-on)**

Okoye, Ikem

This course examines monuments and artworks of the world, studied in a comparative and/or cross-cultural perspective. Topics highlight global cultural diversity in the history of art and architecture. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **ARTH 225-080 Eighteenth Century Art (Add-on)**

Bellion, Wendy

This course examines major trends and artists in 18th century European painting, sculpture and architecture in the framework of the social, ideological and cultural currents of the time. Artists such as Watteau, Hogarth, Blake, Chardin, Canova, David and Goya are studied. Honors students will have opportunities to study original 18th century works of art in UD's University Museums collection and to participate in a field trip to Winterthur Museum. Honors students will also read advanced scholarship in 18th century art, complete short writing assignments based on these readings, and participate in small group discussions with the instructor and/or TA. *Meets with the regular section.*

### **ARTH 233-080 Art and Architecture in China (Add-on)**

Rujivacharakul, Vimalin

Through examination of art, architecture, and archaeology, approaches China as an historical and cultural unit. There is emphasis on archeological sites, artifacts, art objects, and architecture in China, with additional materials from nearby regions. Thematic coverage of Chinese history, from neolithic sites to buildings in the twentieth century. Interdisciplinary approach. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **ARTH 248-080 African American Art (Add-on)**

McGee, Julie

This course surveys the work of African American artists, from the nineteenth century to the present, and considers a range of visual media, including painting, sculpture, prints, photography, and performance. We will consider the ways in which artists and scholars have worked to define "African American art" in relation to Euro-American and African cultural production as well as to the evolving social and political history of people of African descent in the United States. In addition to attending lectures, participating in discussions, and completing writing assignments, students are encouraged to visit area collections to view original artworks. This course is an introduction to the critical race art history of blacks as subjects, producers, and

theorists of art. Includes examination of issues, ideas, and creativity with respect to African American and African diasporic arts from the late, nineteenth century to the present day and considerations of race and representation, black consciousness, strategies of resistance and identity formation, class, sex, and gender. Honors students have supplementary assignments designed to deepen their understanding of the field. This includes an in-depth visual analysis of artwork [visual analysis essay & discussion with the professor]; and the evaluation and discussion [with the professor] of an additional assigned essay; and opportunities to lead class discussion. *PREREQ: ARTH 230 or ARTH 231 are highly recommended. Meets with the regular section.*

#### **ARTH 445-081 Seminar in East Asian Art (Add-on)**

Rujivacharakul, Vimalin

This course will examine art, architecture and archaeology of China, Japan, and/or Korea. Materials from nearby regions may also be included. Possible topics include Chinese Art and Collecting, Modern Architecture in East Asia, Meiji Art and architecture, East Asian Archaeology and Nationalism. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

### **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)**

Goodwin, Stephen

This course covers current concepts and trends in adapted physical activity across the lifespan, including skills necessary to prepare meaningful individualized movement experiences for people with special needs. 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 UDHP freshmen. This section of BISC 208 is integrated with CHEM 108. To request a seat in this course you must complete the [Honors Course Request Form for Restricted Courses](#).

## **Biomedical Engineering (BMEG)**

### **BMEG 302-080 Quantitative Systems Physiology (Add-On)**

Kohn, Julie / 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 420-080 Biological Transport Phenomena (Add-On)**

Bhatia, Sujata

This course will cover the fundamental and biomedical applications of fluid mechanics. It will include an introduction to diffusive and convective mass and heat transfer with biomedical applications. Each Honors student will be expected to present a relevant journal article from the research literature to the class. The article will be selected with help from the instructor. *PREREQ: PHYS 207 and MATH 305. RESTRICTIONS: The course is open to BMEG students; other engineering 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.*

### **BUAD 479-082 Marketing Strategy for the Firm (Add-On)**

Cheng, Andong

This course includes the application of management decision processes and strategies to the integration of the firm's total marketing mix. Multifaceted problems are studied in large, medium and small firms. Students analyze cases and other real marketing problems. Honors students have additional homework assignments designed to deepen their understanding of how to apply course content into real business solutions. *PREREQ: Twelve credit hours of marketing courses including BUAD 302. COREQ: BUAD 476.*

## **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 complimentary 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, we will examine 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 by examining specific aspects of cognitive processing – such as memory, vision, object recognition, language acquisition, speech production, and action planning – as well as cases where the mind does not function properly – 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 UDHP Students.*

## **Chemical Engineering (CHEG)**

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

Enszer, Joshua / Tilton, James

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 UDHP CHEG majors only. Meets with the regular section.*

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

Enszer, Joshua / Jayaraman, Arthi

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)**

See Courses Search (multiple instructors)

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

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

### **CHEM 104-080 & 080D/080L, 081D/081L, 082/082D/082L General Chemistry and Lab (Free-Standing)**

Wingrave, James / Burke, Kathryn

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. Must register for a laboratory.*

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

Fajardo, Jacqueline

This course focuses on thermodynamics & energetics, chemical kinetics, and principles of equilibrium among all states of matter and in aqueous solution 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 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 UDHP freshmen starting with those that enrolled in H CHEM 107 in F19. To request a seat in this course you must complete the [Honors Course Request Form for Restricted Courses](#).*

### **CHEM 112-080/080D, 081/081D 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. Minimum of MATH 115 or equivalent; enrollment in MATH 241 or higher recommended.*

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

Brown, Steven / Cruz, Federico

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 UDHP BIOC and CHEM majors only. PREREQ: CHEM 103 or CHEM 111 and CHEM 115. COREQ: CHEM 112.*

### **CHEM 334-080L Organic Chemistry Majors Lab (Add-On)**

See Courses Search (multiple instructors)

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 UDHP BIOC and CHEM majors only. PREREQ: CHEM 333 COREQ: CHEM 332. Meets with the regular section.

### **CHEM 444-080L 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 UDHP 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 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)**

Yang, Haihong

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 Freshman Design (Add-On)**

Faghri, Ardeshir / 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. *Open to UDHP freshman CIEG majors only. Lab meets every other week. Meets with the regular section.*

#### **CIEG 302-080/080D, 082D Structural Design (Add-On)**

Tatar, Jovan

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)**

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)**

Staff

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

See Courses Search (multiple instructors)

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)**

Yarrington, Debra

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: Student may not receive credit for both CISC 106 and CISC 108.*

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

Wassil, Katherine

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. Non CISC / INSY majors will need to complete the [Honors Course Request Form](#) to request enrollment.*

### **CISC 210-080/080L Introduction to Systems Programming (Add-on)**

Silber, Greg

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 COMM majors only. Not open to freshmen. Meets with the regular section.*

### **COMM 456-080 Communication in Organizations (Add-On)**

Holden, Tracey

This course is an introduction to concepts and research related to communication processes in organizational settings. Both traditional and interpretive approaches are emphasized. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Open to COMM majors. Meets with the regular section.*

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

Courtright, John

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)**

Cotton, Chase / 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 202-080 Problems of the Criminal Judiciary (Add-On)**

Rise, Eric

This course focuses on problems and issues found in the American criminal court system. It includes court organization, the courtroom work group (prosecutors, defense attorneys, and judges), pretrial and trial procedures, and basic criminal law. Please contact the instructor for

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

### **CRJU 350-080 Gender and Criminal Justice**

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.*

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

Bridges, Thomas

This course analyzes the determinants of unemployment, inflation, national income, and policy issues relating to how the government alters unemployment and inflation through control of government spending, taxes and money supply. *PREREQ: ECON 101. Most seats reserved for first year 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 423-080 Econometric Methods and Models II (Add-On)**

Lewis, Kenneth

This course will include class discussion and research in advanced economic statistics and applied econometrics. The Honors section meets for an additional class period each week. The focus of the additional meeting is to explore advanced topics and computerized statistical packages. *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) International trade, offshoring of jobs, and immigration; (3) Economic policy to address global warming (4) Will your generation have a higher standard of living than previous generations? (5) Women and men in the economy; (6) What causes inequality? 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 310-080 Reading and Writing in Elementary Schools (Add-On)**

Coker, David

EDUC 310 addresses the literacy development of students in elementary school. A primary focus is empirical research on relevant instructional practices. Classroom meetings are complemented by three, week-long field experiences, which require students to teach a variety of lessons.

Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *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 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 451-080 Educational Assessment for Classroom Teachers (Add-On)**

Farley-Ripple, Elizabeth

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 engage in an inquiry group. The inquiry group will read additional research articles, a fictional text, and best practice literature to synthesize the implications of national, state, and local assessment policies on pupil learning. *Meets with the regular section.*

### **EDUC 469-080 Research Internship Experience (Add-On)**

Staff

This course includes a research experience with an Elementary Teacher Education faculty member. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *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

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**

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. Honors component includes additional assignments related to the course syllabus. *PREREQ: ELEG 205. Meets with the regular section.*

### **ELEG 418-080 Digital Control Systems (Add-On)**

Singh, Abhyudai

This course examines the study of closed-loop analog and digital control systems, stability and performance analysis in time and frequency domains, and frequency and state-space design methods, including root-locus methods, Bode and Nyquist methods, and pole placement using Ackermann's formula. Students will gain experience with computer-aided simulation and design uses MATLAB and SIMULINK. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ELEG 305 or permission of instructor. Meets with the regular section.*

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

Cotton, Charles / Priyadarshini, Ishaani

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)**

Ddamulira, Robert

This course introduces you to the historical and contemporary energy and environmental sustainability issues of our time. The course provides you a basic overview of how some selected energy and environmental issues came to the USA and international agenda for public management, policy reform and decision-making. The course also presents you with a systematic assessment of the various non-renewable and renewable energy solutions, with a specific focus on their diverse advantages and disadvantages as well as options for how a sustainable energy transition can be achieved. The course examines various concepts and public policy discourses related to cross-cutting themes associated with energy and environmental sustainability including; management practices and public policies associated with, climate change, pollution (water and air), and the Dominant Social Paradigm (DSP) among others. The Honors section for this course will be expected to design an energy sustainability improvement plan for one selected U.S. State. *Meets with the regular section.*

### **ENEP 427-080 Sustainable Energy Policy and Planning (Add-On)**

Agbemabiese, Lawrence

This course examines existing policy responses to climate change, alongside opportunities for a redirected political economy to achieve energy and environmental conditions with meaningful CO<sub>2</sub> reductions. Specific attention will be given to possibilities and limits of scientific knowledge and technology in galvanizing social change. Honors students will complete a research paper examining policy implications of technical proposals by the City of Newark and the City of

Wilmington, to use their rooftops to host decentralized solar power plants able to cost-effectively supply substantial share daylight hour electricity needs over the course of a typical year. *PREREQ: ENEP 425. Meets with the regular section.*

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

Barnes, Philip

Students will complete an advanced senior research in the the areas of energy and environmental policy under the direction and subject to approval of a program faculty advisor. Requires original research and application of energy and environmental theory and policy analysis on an energy and environmental problem. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *RESTRICTIONS: Open to senior ENEP 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.*

## **English (ENGL)**

### **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 UDHP 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.*

### **ENGL 338-080 Studies in Victorian Literature (Add-On)**

Erickson, Jesse

This course includes studies of significant British texts from the nineteenth century, the social forces they shaped, and those by which they were shaped. Content varies by expertise of instructor. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: ENGL110. 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)**

Bieler, 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. Applications of grammatical knowledge to describing language use in various contexts. Intended for prospective English teachers. Honors students in ENGL 394 read and discuss an additional book containing advanced methods of discourse analysis, then apply this knowledge as they choose an example of discourse, analyze it, and present their findings to their peers. In addition to the work for the regular class, Honors ENGL 394 requirements include four additional class meetings, two one-page papers, a discourse analysis, and the creation and presentation of a narrated PowerPoint on the discourse analysis. *Meets with the regular section.*

### **ENGL 480-080 Literary Studies Seminar: Migrations (Add-On)**

Davis, Emily

We'll explore concepts of migration, including stories of immigrants, refugees, and internally displaced people, as well as migrations from one mode to another, such as from text to visual media. Rather than building toward a conventional research paper, you'll participate in an ongoing project of developing a web site about representations of migration in contemporary literature, film, and popular culture. Research will be published on the *Moving Fictions: Exploring Migration in Modern Literature* website: <https://sites.udel.edu/movingfictions/>. Honors students in this capstone seminar will serve as the lead editorial team for all content added to the web site by the class. In addition, honors section students will work as a group to add or substantially revise a new section to the web site, and we will meet about this project 2-3 times over the course 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. 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.*

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

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

Lavin, Terri

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 instructor. Meets with the regular section.*

### **ENSC 468-080 Honors Directed Research (Add-On)**

See Coures Search (multiple instructors)

Constitutes a directed research experience for honors students. Topics of research will be in the realm of environmental science and/or studies, depending on the interests and expertise of the student and supervising faculty member. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *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 180-080 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 literatures 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 233-080 Fashion Drawing and Rendering (Add-On)**

Cobb, Kelly

This course is an in-depth investigation of drawing from the fashion model. Emphasis is on rendering clothing character, fabrics, and fashion details using various media, introduction to flat sketching via computer and translation of drawings to finished fashion illustration. Drawing starts with imagination before it expresses itself as a means of generating or communicating an idea. In fashion, this can reveal a variety of approaches and styles that are linked to social, artistic and cultural values or influences. As a designer, communicating your imagination in a way that can be shared is critical to your success. While the formats for communication (hand-drawing, digital, motion) are changing rapidly, the process of synthesizing visual data into an expression that can be shared, that captures and relays critical information (to your design team, to buyers, to business colleagues, to factories, to broader public) is essential to your success. Honors students will meet with professor regularly to define an honors project to address emerging themes in fashion communication, ideally aligned with the students' interests. *PREREQ: FASH 133. Open to majors only. 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 355-080 Intl Fash Consumer & Retailers (Add-On)**

Kim, Hye-Shin

Global and country specific factors that impact distribution systems for and consumption of fashion related products. Understanding consumers of fashion products within a global context and motivations for pursuing a global marketing and retailing strategy, including store-level sustainability practices. Honors students will work with the instructor in developing an additional assignment that further enhances their understanding of the international fashion business landscape. This assignment will provide students with the opportunity to look more closely at the global retail landscape and identify how U.S. policies affect companies at home and abroad. *PREREQ: FASH 218 or BUAD 301. Meets with the regular section.*

**FASH 367-080 Fundamentals of Textiles I (Add-On)**

Cao, Huantian

This course covers science principles are the basis for understanding fibers. Relationships between the chemical and physical characteristics of fibers and properties such as tensile strength, flammability, elasticity, moisture absorption, dye affinity, and recyclability are explored. Understanding science principles in relation to textile properties provides basis for evaluation of textile products. An Honors project on a research topic of textiles in the form of a paper or a proposal will be required for the Honors section. *PREREQ: CHEM 100 or CHEM 101. Meets with the regular section.*

**FASH 419-080 Social/Psychological Asepts of Clothing (Add-On)**

Jung, Jaehee

This course is the 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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: PSYC 100 and SOCI 201, or permission of the instructor. Meets with the regular section.*

**FASH 430-080 Apparel Brand Management and Marketing (Add-On)**

Ciotti, Karen

A study of the significance of brand management for fashion companies as a competitive strategy for building sales and customer base. Introduction to the essential elements of branding, the course covers major activities of brand management and marketing with a focus on apparel firms. Apparel branding examined in global context due to the global nature of industry and its impact on consumers around the world. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FASH 218 and BUAD 301. Meets with the regular section.*

**FASH 433-080 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 trip. 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 455-080 Global Apparel Trade/Sourcing (Add-On)**

Lu, Sheng

Global interdependencies that influence production, distribution, and consumer consumption. Study of the roles of government, industry, and consumers in the global economy with a focus on the apparel industry. Analyzes practices to improve sustainability in production of apparel. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: ECON 101 or ECON 103. Meets with the regular section.*

### **FASH 490-081 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 and industry projects that require analysis, synthesis and application of knowledge and skills within the global apparel industry. Honors students will complete additional assignments that will provide a deeper understanding of the course objectives. 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 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 (Add-On)**

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. Honors students will select a publicly traded company of their choosing and do a series of assignments that takes 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. Meets with regular section.*

### **FINC 314-082 Investments (Add-On)**

Xu, Lan

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)**

Elson, Charles

This course examines current issues in corporate governance. Topics include executive compensation, shareholder resolutions and board of director ownership and accountability. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: FINC311. Meets with the regular section.*

## **French (FREN)**

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

Oancea, Ana

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)**

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 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)**

Oancea, Ana

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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: FREN 211 and any 200-level course taught in the French language. Meets with the regular section.*

### **FREN 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.*

## **Geography (GEOG)**

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

Allen, Eric

This course is an analysis of the atmosphere, weather elements, air masses, fronts and storms. Principles of weather forecasting, especially as it relates to severe weather. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

### **GEOG 235-080 Conservation: Natural Resources (Free-Standing)**

Lavin, Terri

This course will focus on natural resources such as water, soil, and energy, and how and why they are used with respect to conservation. Particular emphasis is placed on the balance (or imbalance) of the three pillars of sustainability: economics, environment, and social equity. Students will be expected to participate in lively discussions regarding current environmental issues as well as examine peer-reviewed literature regarding solutions for a sustainable world in the face of climate change.

## **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.*

### **GEOL 110-080 & 081L Earth's Evolving Systems (Add-On)**

Martin, Ronald / 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.*

## **German (GRMN)**

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

Wall, Christina

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 255-080 Germany in the News (Add-On)**

Nobile, Nancy

Explores topics in contemporary German society, culture and politics as expressed in the news media. Emphasis on current events and issues of Germany. Focus of study is the German press: newspapers and magazines printed in the German language. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: GRMN 107. Not intended for students who have already taken a 300- or 400-level course in German. Meets with the regular section.*

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

Nobile, Nancy

This course is a survey of the major cultural, social and political developments in Germany from the mid-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 355-080 Special Topics (Add-on)**

Riehl, Ester

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

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

Nobile, Nancy

This course is designed to cover works of one or more outstanding authors or a special theme. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: Two 300-level German courses, one of which may be taken concurrently with the 400-level course. Meets with the regular section.*

## **Greek (GREK)**

Sections cancelled as of  
12/5/19.

### **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. The small-group Honors discussion section meets regularly throughout the semester to engage in various activities designed to bring practical focus and expansion to life span constructs. *Open only to UDHP 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 meeting with scholars/researchers on that topic, site visit to local organizations/agencies that service the targeted population, and 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 their classmates. *Open only to those students whose majors require the course. Not open to freshmen. Meets with the regular section; separate weekly meeting with professor.*

### **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)**

Wilson, Rebecca

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.*

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

Aviles, Ann

This course includes the study of social-emotional considerations of disabilities and risk factors upon development of children and families. Honors students have additional assignments designed to deepen their understanding of families and children at risk. At the start of the semester each student will meet with the instructor to determine an appropriate area of interest or inquiry related to the course. This includes research-related endeavors, proposal writing or publication development or community-based field experiences related to theories, issues or practices discussed in the core class. *PREREQ: HDFS 201 or HDFS 220 or HDFS 221 or PSYC 325. 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.*

#### **HDFS 481-080 Capstone: Student Teaching Seminar (Add-On)**

Worden, Lynn

This course is a discussion-oriented and problem-solving seminar with emphasis on role and contributions of the early childhood education professional. Includes introduction to teachers as researchers and completion of public presentation. Honors students will complete all of the assignments for the HDFS 480 Student Teaching Seminar, including attending all class sessions. In addition, Honors students in HDFS 481 will meet regularly with the instructor to work on a teacher research project which will include a literature review and a discussion of an innovative teaching strategy implemented during student teaching. The resulting paper about this project will be presented at the mastery portfolio defense at the end of the semester. *COREQ: EDUC 400. Open to UDHP senior ECE majors only. Requires 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.*

## **History (HIST)**

#### **HIST 102-080 Europe and the World II (Add-on)**

Brophy, James

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

**HIST 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 146-080 Introduction to Jewish Culture and History (Add-on)**

Horowitz, Roger

This course will explore the whys and hows of Jewish persistence over thousands of years as a durable small minority interacting with the far larger cultures and societies that surrounded them, tracing along the way the periodic transformations of Jewish identity and cyclical pressures of anti-Semitism. Class sessions will focus on major periods of Jewish civilization, including the ancient and biblical Middle East, Jewish life in medieval Christian and Islamic worlds, the shtetls of Russia and Poland, the ghettos of central Europe, and Jewish movement to new homes in the 19<sup>th</sup> and early 20<sup>th</sup> century. Honors students will have additional reading and written work to deepen their knowledge of Jewish history. The reading will consist of biographies or novels, and with papers interpreting those works in light of the other material covered in the class. *This course is cross-listed with JWST 146-080. 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 254-080 Jewish Holocaust: 1933 – 1945 (Add-on)**

Miller-Duggan, Devon / Zavadivker, Polly

In this team taught course we will study the Holocaust from the overlapping perspectives of literature and history. We will explore the history of Eastern and Western European Jewish communities, the origins and development of antisemitism, the rise of the Nazi Party in Germany, establishment of labor and extermination camps, Jewish resistance movements, and the Holocaust as a problem for world history. Our sources will include memoirs, historical

documents, poetry, documentary footage and films. Lectures on historical and literary subjects will alternate with films, guest speakers, and group discussions. Honors students will have additional assignments to deepen their understanding the Holocaust as it is represented in historical and literary works. Assignments may include additional readings, a research paper on a topic of the student's choice, and individual meetings with instructors. *This course is cross-listed with JWST 254-080. Meets with the regular section.*

**HIST 268-083 Seminar (Add-On)**

Virdi Dhesi, Jaipreet kaur

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 268-085 Seminar (Add-On)**

Bernstein, John

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 280-080 Global Environmental History (Add-On)**

Buckley, Eve

Environmental historians examine the impact of climate, landscapes, and other species on human history—and the ways in which human societies have in turn altered these elements of the natural world. This course will consider some of the major developments in human history over the past several centuries, such as European imperial expansion and the industrial revolution, through an environmental lens. In what ways did natural factors constrain or impact choices that historians have often interpreted as being primarily political or cultural? In what ways did human communities impact natural history, through economic systems, energy use, warfare, and other dynamics? And how can studying environmental history help us to meet the significant environmental challenges of the present? Readings emphasize the global interconnectedness of environmental resource use, as well as the impact on human societies, landscapes, and political relationships of resource access and energy flows. Honors students will complete a more substantial independent research project (in the form of a paper or another format agreed to in consultation with the instructor) than students in the regular section of the course. *Meets with the regular section.*

**HIST 291-080 Women's History Through Film (Add-on)**

Laberge, Marie

This course explores women's historical experiences through the medium of film. Students will view and discuss a variety of documentary films on women and read materials related to topics covered in the films. Films will deal with historical and contemporary issues in the United States and internationally. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *This course is cross-listed with WOMS 291-080. Meets with the regular section.*



**HIST 307-080 The United States, 1789-1825 (Add-on)**

Heyrman, Christine

This course examines political and cultural change in America from 1789 to 1825, from the presidency of George Washington through James Monroe. Particular attention to national politics under the new Constitution, westward expansion under Jefferson and Madison, and cultural life in the early republic. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

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

Bendler, Bruce

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

**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 337-084 Topics in American History (Add-On)**

Alchon, Guy

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 course includes an examination of the earliest sporting events depicted in art from Mesopotamia and Egypt as well as bull leaping and boxing events practiced by the Greeks in the period of about 2000-1500 BC. Focuses on the sport and leisure activities practiced by the classical-era Greeks and Romans. Include activities and venues familiar to most people: the ancient Olympics, horse and chariot racing, gladiatorial combats, various kinds of ball games, etc. Examine activities such as bathing, reading/libraries, dinner and drinking parties, and where people would go on vacation and how they would get there. 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

Students are encouraged to form opinions on such questions as why and how Rome came to rule its empire; why Julius Caesar was murdered; and why Augustus succeeded where Julius Caesar had failed. Readings in ancient sources. Extensive use of slides. 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 343-080 Medieval Europe: 1050-1350 (Add-On)**

Frassetto, Michael

This course will provide a survey of political, social, cultural, and economic developments in Europe between 1050 and 1350. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Cruz, Jesus

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

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

Cruz, Jesus

This course introduces students to select topics in Latin American history and culture through film, documentaries, readings, class discussion and lectures. We will use films as a window to delve into the region's history and as a motivation to learn more about it. Topics include: the legacy of colonization; the revolutions of independence; the process of state building in the 19<sup>th</sup> century and the struggles for political, social and economic modernization of the 20<sup>th</sup> century. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

**HIST 354-080 Germany in 20<sup>th</sup> Century, 1914 to Present (Add-on)**

Brophy, James

This course examines German political, socioeconomic and cultural history from the First World War to the present. 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 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 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.*

#### **HIST 400-082 History Capstone Seminar: Women in the Islamic Middle East (Add-On)**

Matthee, Rudolph

This course examines the major developments, themes and problems in women's history in the Middle East from the advent of Islam to the present. By tracing women's legal status, sexual morality, family and social life, and female economic and political participation, it seeks to shed light on the process of women's roles in society and to challenge the notion that gender divisions and roles have been static over time. The introductory week is designed to become familiar with theoretical perspectives and debates on women and, in particular, women in the Middle East and Islam. The next segment of the course, which is devoted to the early history of Islam, explores the important and much-debated question of the origins of gender inequality in Islamic societies. The third part examines the medieval period and investigates women's actual place in society, as opposed to the idealist version. The fourth part probes the Ottoman and Safavid period (16th-18th c.), discussing the question of the harem and the influence of women in political life. The fifth part addresses the question of the challenges posed by the impact of the West, the effects on women and female reactions to this challenge, with a focus on Egypt and Iran. The final section addresses questions relating to the "return" of Islam and its repercussions for women in dress, employment, and morality. Aside from scholarly studies, documentaries and literature will be used to see how, in the modern period, women have defined themselves amid tremendous political, social and economic change. *Open to HIST majors only, except with permission of instructor. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

#### **HIST 400-083 History Capstone Seminar: World War II in Europe (Add-On)**

Wasson, Ellis

The course will analyze the conduct of the Second World War in Europe on land, sea, and air in the East and the West. It will explore topics that include: grand strategy, technology, the home front, military intelligence, partisans, strategic bombing, the Holocaust, and economic resources of the combatants. Time will be set aside for regular one-on-one meetings as research progresses and students will be encouraged to share their work with the class. *Open to HIST majors only, except with permission of instructor. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

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

### **HOSP 201-080 Food Principles (Add-On)**

Ma, Jing

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)**

Pyle Jr., Philip

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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: HOSP 321. Meets with the regular section.*

### **HOSP 489-080 HOSP Restaurant Management Practice II (Add-On)**

Waller, Nicholas

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)**

Melloni, Giorgio

This course, taught in Italian, intends to consolidate and improve language skills acquired by students in 100-level courses. A series of conversations and oral presentations about Italian life and current events will foster proficiency. Magazines, newspapers, films, videos, and transparencies will be used to gain a better understanding of Italian culture. Grammar will be reviewed when appropriate. In addition to the regular course requirements, 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)**

Melloni, Giorgio

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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: minimum grade of B in ITAL 107, or one 200-level ITAL course. Meets with the regular section.*

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

Saggese, Riccarda

Let the masters of the Italian short story teach you to write! This course emphasizes vocabulary acquisition and written expression. Students will read and discuss short works of literature and film. You will improve your writing skills, add to your rich stock of conversation topics in Italian, and begin your love affair with contemporary Italian authors. 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 355-080 Special Topics (Add-on)**

Salsini, Laura

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

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

Salsini, Laura

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

## **Japanese (JAPN)**

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

Sato, Mutsuko

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

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

Inoue, Chika

This course covers the last five chapters of Genki II text book. Students learn to use various grammatical forms to convey different nuances. Classes are conducted in Japanese. Activities include oral presentations and essays on various topics. About 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 355-080 Special Topics (Add-On)**

Hutchinson, Rachael

This course explores an area of special interest in Japanese literature or culture studies. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: One of JAPN 202, 205, or any 300-level. Meets with the regular section.*

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

Inoue, Chika

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

**Jewish Studies (JWST)****JWST 146-080 Introduction to Jewish Culture and History (Add-on)**

Horowitz, Roger

This course will explore the whys and hows of Jewish persistence over thousands of years as a durable small minority interacting with the far larger cultures and societies that surrounded them, tracing along the way the periodic transformations of Jewish identity and cyclical pressures of anti-Semitism. Class sessions will focus on major periods of Jewish civilization, including the ancient and biblical Middle East, Jewish life in medieval Christian and Islamic worlds, the shtetls of Russia and Poland, the ghettos of central Europe, and Jewish movement to new homes in the 19<sup>th</sup> and early 20<sup>th</sup> century. Honors students will have additional reading and written work to deepen their knowledge of Jewish history. The reading will consist of biographies or novels, and with papers interpreting those works in light of the other material covered in the class. *This course is cross-listed with HIST 146-080. Meets with the regular section.*

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

Miller-Duggan, Devon / Zavadviker, Polly

In this team taught course we will study the Holocaust from the overlapping perspectives of literature and history. We will explore the history of Eastern and Western European Jewish communities, the origins and development of antisemitism, the rise of the Nazi Party in Germany, establishment of labor and extermination camps, Jewish resistance movements, and the Holocaust as a problem for world history. Our sources will include memoirs, historical documents, poetry, documentary footage and films. Lectures on historical and literary subjects will alternate with films, guest speakers, and group discussions. Honors students will have additional assignments to deepen their understanding the Holocaust as it is represented in historical and literary works. Assignments may include additional readings, a research paper on a topic of the student's choice, and individual meetings with instructors. *This course is cross-listed with HIST 254-080. Meets with the regular section.*

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

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

Greska, Eric

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)**

Rose, William

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)**

Greska, Eric

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 407-080 Prevention and Recognition of Athletic Injuries (Add-On)**

Wisthoff, Bethany

This course covers procedures for preventing, diagnosing, treating and rehabilitating athletic injuries. Emphasis is on the early detection of both nature and extent of injury. Please contact the instructor for the specific Honors components and the grading rubric of the Honors work.

*PREREQ: KAAP 480 and 481. RESTRICTIONS: Open to AT majors only.*

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

Richter, Saskia

This course covers anatomical individuality, functional significance and human performance interpretations acquired through cadaver dissection focusing on muscular, skeletal, nervous, and circulatory systems. Laboratory experience involves a regional approach to the study of anatomy working in teams where the emphasis is upon the meaning and significance of musculoskeletal movements and utilizes cadaver dissection and prosected biological specimens, models, x-rays, dry biological materials and other aids to accomplish these goals. Students will use a PBL approach for solving complex anatomical problems requiring the presentation of oral reports and detailed demonstrations of their dissection/prosection skills.

Honors students, in addition to the above, are required to prepare selected anatomical prosections 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 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)**

Bardenhagen, Eric

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.*

## **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 322-080 Classical Literature in Translation: Homer, Vergil, *The Iliad*, *the Odyssey*, *the Aeneid* (Add-On)**

Boyd, Marcaline

The very names are evocative stretching back to the beginnings of a vast, highly influential literary tradition. But who were these people, Homer and Vergil, and what was so special about their accomplishments? What, furthermore, made their works so important to ancient society and why do we still read them and create cinematic versions of them today? In this Ancient Epic course, we will experience three of the greatest works surviving from antiquity, all "epic" in scale and the diversity of their subject matter: Homer's *Iliad* and *Odyssey*, written in Greek ca. 750 BCE, and Vergil's *Aeneid*, written in Latin during the time of Caesar Augustus near the end of the first century BCE. Come along for this odyssey through Ancient Epic. *Meets with the regular section.*

**LLCU 330-080 Pompeii: Life, Death, and Rediscovery of an Ancient Town (Add-On)**

Laird, Margaret

In 79 C.E., the devastating eruption of Mt. Vesuvius destroyed the Roman town of Pompeii. Preserved in the volcanic debris was an astonishing window onto antiquity: the bodies of Pompeii's unfortunate residents; the buildings where they lived and worked; the objects that they used in their daily life. This course examines what the city's physical remains – bodies, architecture, art, and material culture – can reveal about Roman society, and how ancient texts and modern theoretical approaches can complement or expand our understanding of the past. We also will consider Pompeii's rediscovery and current excavations at the site, as well as the town's afterlife in art, literature, and film. This course fulfills ARTH 321 with permission. Honors students will complete additional readings and will research and write a 10-page paper on a topic of their choice. *Meets with the regular section.*

**LLCU 330-082 Varying Authors, Themes, Movements (Add-on)**

Sukava, Tyson

This course includes cultural, especially cross-cultural, study with primary emphasis on the historical development of the announced area, e.g., The Faust Theme in Western Literature, Dante Through the Ages, Don Juan, and the Transformation of a Myth. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *Meets with the regular section.*

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

Chen, Jianguo

This course introduces students to the treatment of recurring themes in Chinese films such as those related to various forms of love, death, and gender roles. Specifically, the course examines issues of passion (love and revenge), desire, sexuality, death, and masculinity and femininity in relation to those of duty (filial piety, loyalty to the state), politics, and nationalism. We will focus on the issues of gender politics and female sexuality of various ideological persuasions and psychological dispositions and how such issues are articulated cinematically. In studying cinematic representations of these themes, we will use both historical and contemporary perspectives. The course not only introduces students to Chinese culture/society through the cinematic perspective, but also acquaints them with a knowledge of Chinese film 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 352-080 Videogames and Latin America (Add-On)**

Penix-Taden, Phillip

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

**LLCU 380-080 Topics: Japanese Culture in Translation (Add-On)**

Hutchinson, Rachael

Special topics in Japanese culture. Taught in English. Please contact the instructor for the specific Honors components and 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 100-080 Leadership, Integrity and Change (Add-On)**

Morrison, James

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

### **LEAD 100-081 Leadership, Integrity and Change (Add-On)**

Case Lilly, Jane

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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *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 300-081 Leadership, Creativity and Innovation (Add-On)**

Case Lilly, Jane

This course provides students with the theoretical bases of leadership, creativity, and innovation that inform the effective practice of leadership. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

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

Stein, Karen

Decision-Making and Leadership examines the application of decision making tools and models for making effective decisions in a leadership context. Management decision making is one of the most important functions of a leader. Management decision making depends on skills of the leader, the context and the process of decision making. All three of these aspects combine to affect the ultimate results of decisions made by leaders. This course explores decision making from multiple perspectives and provides students the opportunity to consider their processes and dispositions as well as those of others in leadership. Honors Program students will meet with the regular section and engage in enriched opportunities throughout the semester to satisfy the Honors Program 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 and positively affecting change in organizations through the exercise of leadership knowledge. Please contact the instructor for

the specific Honors components and grading rubric for the Honors work. *PREREQ: LEAD 100. Meets with the regular section.*

### **LEAD 490-080 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. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: LEAD 100 and 341. Open to senior LEAD or OCL major only. This course satisfies the Honors Degree Capstone requirement when taken in one of the last two semesters prior to graduation. Meets with the regular section.*

## **Legal Studies (LEST)**

### **LEST 210-080 The Law and You (1 credit) (Add-On)**

Rise, Eric

LEST 210 is a one-credit, pass/fail series of lectures on law-related topics. The speakers are lawyers, judges, and other legal professionals or scholars. Each speaker talks about his/her area of law and provides examples of important issues within that area. Among the topics normally covered in the course are corporate ethics, careers in foreign service, criminal prosecution and defense, the death penalty, and how to succeed in law school. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *Meets with the regular section.*

## **Linguistics (LING)**

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

Legault, Jennifer

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 471-080 Discovering Human Languages (3 credit) (Add-On)**

Larsen, Darrell

This course is the introduction to the field of linguistics. Examines how languages are put together through a face-to-face encounter with an unknown language. Determine how this language - and human language in general - is constructed. It explores culture, people and even the food where the language is spoken. 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)**

Larsen, Darrell

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 Mangement (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)**

Wozniak, Andrew

This is a quantitative introduction to sub-fields 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 III. Meets with the regular section.*

## **Mechanical Engineering (MEEG)**

### **MEEG 102-080 & 080L - 086L 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

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 /081D/082D/083D Machine Design Elements (Add-On)**

Wickenheiser, Adam

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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *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 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)**

Allshouse, Leslie

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.*

## **Music (MUSC)**

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

Duker, Philip / Burt, Patricia / Shafer, Jennifer

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, 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 / Purciello, Maria

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

## **Neuroscience (NSCI)**

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

Klintsova, Anna

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 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 428-080 Advanced Neuropharmacology (Add-On)**

Rosen, Jeffrey

This course examines the actions of psychoactive drugs on neurons, neural circuits, and behavior. Focus is on drugs used in mental health, neurological disorders, and drug abuse. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: NSCI 320. Meets with the regular section.*

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

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

Ching Chai, Sheau

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 inter-professional 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)**

Heilferty, Catherine

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

Graber, Jennifer

This course presents and examines selected concepts and theories related to restoring and maintaining optimal health of patients experiencing psychopathology. Selected laboratory and field experiences included to enhance concepts. Honors students have assignments designed to deepen their understanding of psychiatric mental health nursing. Students will complete a needs assessment of the college community to determine a gap in knowledge of mental health issues. The students will then evaluate articles from the professional literature that connects with their topic and develop an assignment related to the topic. *PREREQ: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Meets with the regular section.*

### **NURS 356-080 Care of Children & Families (Add-On)**

Covington, Lauren

This course presents selected concepts and theories related to the nursing care of infants, children and adolescents and their families. Selected laboratory and field experiences are included to enhance concepts. Honors student will conduct the same coursework as the regular students and in addition, will complete a unique field experience on which they will conduct a literature review and a presentation. *PREREQ: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Meets with the regular section.*

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

Heilferty, Catherine

This course examines the application of the research process and the research utilization process to healthcare practice. Nursing students enrolled in the Honors section of this course will be evaluated on their ability to integrate biomedical and translational research perspectives into course requirements. Honors students will do the same course requirements as students in the -010 section. In addition, Honors students will complete a synthesis of the extant literature on health related topics. *PREREQ: STAT 200 or MATH 201. Meets with the regular section.*

**NURS 372-080 Adult Health Nursing (Add-On)**

Schell, Kathleen

Examines selected concepts and theories related to restoring and maintaining optimal health in adult populations. Focuses on major body systems, including cardiovascular, respiratory, and neurological. Honors students participate in two alternate course activities. Emphasis is on the role of the nurse in promoting best practice. First, they evaluate a selected component of evidence-based practice through small group research article analysis. Then, students participate in a related field experience in a clinical area such as cardiac, trauma or burn units to compare literature recommendations to actual practice. *PREREQ: NURS 222, NURS 241 & NURS 242 or NURS 312, NURS 250 or NURS 253. Meets with the regular section.*

**NURS 478-080 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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: NURS 453, NURS 457, NURS 459, NURS 460. COREQ: NURS 479, NURS 473, NURS 480. Open to UDHP 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 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 316-080 Time Travel (Free-Standing)**

Hanley, Richard

Through philosophy applied to physics and science fiction, this course explores the connections of time travel to traditional philosophic issues concerning the nature of time, God, free will and personal identity.

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

Jordan, Jeffrey

This course examines the philosophical problem of evil, which is the strongest argument for atheism. A version of the problem is found first in Epicurus ((341-270 BC). A prominent version of the problem runs thus: if God exists, then there would be no pointless evil; but there probably are cases of pointless evil; so, probably God does not exist. We will examine various objections to the problem of evil, focusing mostly on responses found within the theistic traditions. 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 208-080/080D/080L Fundamentals of Physics II (Free-Standing)**

Shaw, John

This is the second course in a sequence with PHYS207 that provides an introduction to physics for those in the physical sciences and engineering. Emphasis on electro- and magnetostatics in terms of forces, fields and potentials, with some elements of circuit theory. Furthermore, magnetic induction and Maxwell's equations in integral form are introduced. Integrates conceptual understanding with extensive problem solving and laboratory experience. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: PHYS207, MATH 241. COREQ: MATH 242. This course is restricted to BMEG majors only.*

### **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 topic given by the professor. Each Honors student will meet one-on-one with the professor to discuss their topic and presentation prior to their talk in class. *PREREQ: PHYS 207. Meets with the regular section.*

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

Walker, Barry

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

## **Plant Science (PLSC)**

### **PLSC 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.

### **POSC 407-080 American Presidency (Free-Standing)**

Hickel Jr., Flavio

The Presidency has evolved into the most powerful institution in American politics. While the Founders envisioned a glorified clerk executing the will of Congress, the Modern President is expected to enhance the safety, stability, and prosperity of the nation largely on his own. Presidential power has expanded considerably to accomplish these goals, but so too has their ability to sidestep the checks and balances system – posing serious questions for the future of our Democracy. Through an examination of key moments in presidential history, this course will explain this evolution and its political implications. In particular, we will explore the contexts in which these expansions of power have occurred and how presidents built legitimacy for these changes among the public. We will also consider the effect that these changes have had on elections, political polarization, and the general functioning of our government.

**Course Cancelled 12/4/19**

### **POSC 476-080 Election Law (Free-Standing)**

Batchis, Wayne

This course explores the legal structure of the political process in America. Addresses topics such as voting rights, voter representation, campaign speech, redistricting and gerrymandering, the role of political parties, campaign finance law, and election administration.

## **Psychology (PSYC)**

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

Ruan Ly, Agnes

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 UDHP PSYC and NSCI majors only.*

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

Klintsova, Anna

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 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 394-080 Cultural Psychology (Free-Standing)**

Morling, Beth

This course is an introduction to how culture shapes psychological experience, including social behavior, cognition, motivation, and the experience of the self. Covers psychological theory and research on human cultural variation and focuses on different national populations (especially North Americans and East Asians), with some attention to the psychological experience of multicultural populations within the United States. *PREREQ: Grades of C- or better in PSYC 207, and PSYC 209 or substitutes (MATH 202, MATH 205, STAT 200, SOCI 301).*



## **Russian (RUSS)**

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

Finney, Victoria

This course includes practical use of the language. Emphasis on topics drawn from contemporary Russian life and literature. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: RUSS 107. Meets with the regular section.*

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

Hulings, Julia

Read entertaining and interesting 20th-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 200, 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 and leap forward in learning the language. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: RUSS 107. Meets with the regular section.*

### **RUSS 312-080 Introduction to Russian Literature II (Add-On)**

Finney, Victoria

This course examines masterpieces of poetry, narrative prose and drama from the 20th century. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: RUSS211 or RUSS305. Meets with the regular section.*

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

Hulings, Julia

Various authors and theses 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)**

Rowe, Emily

This course is an overview of the sociological perspective of the study of society, social organization and social institutions with special emphasis on the social causes and consequences of human behavior. *No prerequisites. Open to all UDHP 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 200-082/085 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 201-081 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 201-082 Spanish Reading and Composition (Add-On)**

Guardiola-Griffiths, Cristina

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

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

Rio, Aurelia

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 205-083 Spanish Conversation (Add-On)**

Staff

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 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

This course examines works in all genres of Latin American literature in the 20<sup>th</sup> century. 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 305-080 Oral Communication (Add-On)**

Cubillos, Jorge

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)**

Staff

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

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

Rio, Aurelia

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)**

Quan, Tracy

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. Please contact the instructor for the specific Honors components and the grading rubric for the Honors work. *PREREQ: One 300-level Spanish course. Meets with the regular section.*

### **SPAN 477-080 Drug Culture in Latin America (Add-On)**

Penix-Tadsen, Phillip

This course will examine drug production, trafficking, and consumption has had an enormous impact on Latin American Culture, affecting regional politics, everyday life, art and literature. The course examines the highs and lows built on drug commerce, from the psychedelic experiments of the 1960s to Pablo Escobar's Colombian cocaine empire in the 1980s, to the wave of today's Mexican drug trade violence. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *PREREQ: SPAN307 or SPAN308 or SPAN325 or SPAN326. Meets with the regular section.*

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

Guardiola-Griffiths, Cristina Maria

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 critically evaluate several professional policy analyses in their interest area, orally present their findings to the class, prepare a longer-length policy analysis, and meet regularly with the instructor for one-on-one feedback. *Meets with the regular section.*

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

White, Harvey

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 Contemporary Policy Issues (Add-On)**

Carter, David

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.*

## **Womens Studies (WOMS)**

### **WOMS 291-080 Women's History Through Film (Add-on)**

Laberge, Marie

This course explores women's historical experiences through the medium of film. Students will view and discuss a variety of documentary films on women and read materials related to topics covered in the films. Films will deal with historical and contemporary issues in the United States and internationally. Please contact the instructor for the specific Honors components and grading rubric for the Honors work. *This course is cross-listed with HIST 291-080. 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. *Crosslisted with CRJU 350-080. Meets with the regular section.*

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

Bueno-Hansen, Pascha

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 Capstones/Seminars

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

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

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

Department	Course No.	Course Title
<b>Accounting</b>	<b>ACCT 425-080/081</b>	<b>Strategic Information Systems &amp; Accounting</b>
<b>Animal and Food Science</b>	<b>ANFS 404-080*</b> <b>ANFS 411-080</b> ANFS 417-080* ANFS 418-080 ANFS 421-080 ANFS 426-080	<b>Dairy Production</b> <b>Food Science Capstone</b> Beef Cattle and Sheep Production Swine Production Poultry Production Equine Management
<b>Anthropology</b>	ANTH 486-090*♦ ANTH 487-090*♦	Social and Cultural Anthropology Tutorial in Archaeology
<b>Art Conservation</b>	ARTC 495-080	Preservation Capstone
<b>Art History</b>	ARTH 405-080 ARTH 413-080 ARTH 415-080 ARTH 435-080 <b>ARTH 445-080</b>	Seminar: Greek and Roman Art Seminar: Renaissance Art and Architecture Seminar: Italian Baroque Art Seminar: American Art <b>Seminar: East Asian Art</b>
<b>Behavioral Health and Nutrition</b>	NTDT 460-080 NTDT 475-080 BHAN 490-080*	Community Nutrition Transcultural Foods and Cuisine Development of Health Promotion Programs
<b>Biomedical Engineering</b>	BMEG 450-080	Biomedical Engineering Design
<b>Business Administration</b>	BUAD 441-080* <b>BUAD 478-080</b>	Strategic Management (Honors in fall semester only) <b>Field Projects in Marketing</b>
<b>Civil and Environ. Eng.</b>	<b>CIEG 461-080*</b>	<b>Senior Design Project</b>
<b>Chemical Engineering</b>	<b>CHEG 432-080</b>	<b>Chemical Process Analysis</b>
<b>Cognitive Science</b>	CGSC 485-090♦	Seminar in Cognitive Science
<b>Communication</b>	<b>COMM 490-080</b>	<b>Communication Seminar</b>
<b>Computer and Information Science</b>	<b>CISC 475-080</b>	<b>Advanced Software Engineering</b>
<b>Computer and Electrical Engineering</b>	<b>CPEG/ELEG 499-080</b>	<b>Senior Design II</b>
<b>Economics</b>	<b>ECON 423-080</b> <b>ECON 435-080</b> ECON 436-080 ECON 530-080	<b>Econometric Methods &amp; Models II</b> <b>Contemporary Macroeconomic Policy</b> Seminar in Public Policy Economics Application of Math in Economics
<b>Education</b>	<b>EDUC 470-080</b>	<b>Topics in Education</b>
<b>Energy and Environmental Policy</b>	<b>ENEP 472-080</b>	<b>Senior Thesis</b>
<b>English</b>	<b>ENGL 480-080</b> ENGL 491-080	<b>Seminar: Literary Studies Seminar</b> Methods in Teaching Secondary English



<b>Environmental Science/Studies</b>	<b>ENVR 450-081</b> <b>ENSC 450-081</b>	<b>Proseminar in Environmental Science</b> <b>Proseminar in Environmental Science</b>
<b>Fashion and Apparel Studies</b>	FASH 484-080 <b>FASH 490-080</b>	Design Expressions <b>Strategic Fashion Management</b>
<b>Finance</b>	<b>FINC 413-080</b>	<b>Advanced Corporate Finance</b>
<b>History</b>	<b>HIST 400-080</b>  <b>HIST 400-082</b>  <b>HIST 400-083</b>	<b>History Capstone Seminar: Political Economics of Modern Unites States</b> <b>History Capstone Seminar: Women in the Islamic Middle East</b> <b>History Capstone Seminar: World War II in Europe</b>
<b>Human Development and Family Studies</b>	<b>HDFS 422-080</b> HDFS 481-080*	<b>Family Relationships</b> Student Teaching Seminar
<b>Hospitality, Business Management</b>	<b>HOSP 489-080</b> HOSP 495-080	<b>HOSP Restaurant Management Practicum II</b> Hospitality Feasibility Studies
<b>Kinesiology and Applied Physiology</b>	<b>KAAP 400-080</b> <b>KAAP 400-081</b>	<b>Research Methods</b>
<b>Leadership</b>	<b>LEAD 490-080</b>	<b>Senior Capstone</b>
<b>Mathematical Sciences</b>	MATH 380-080♦ MATH 460-080 MATH 512-080 MATH 530-080	Approaches to Teaching Mathematics Introduction to Systems Biology Contemporary Applications of Mathematics Application of Mathematics in Economics
<b>Mechanical Engineering</b>	MEEG 401-090*♦	Senior Design
<b>Medical and Molecular Sciences</b>	<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>Experiential Learning</b> <b>Clinical Chemistry Practicum</b> <b>Clinical Hematology Practicum</b> <b>Clinical Microbiology Practicum</b> <b>Clinical Immunohematology Practicum</b>
<b>Music</b>	<b>MUSC 695</b>	<b>Advanced Analysis and Interpretation</b>
<b>Nursing</b>	<b>NURS 478-080</b>	<b>Clinical: Care of Populations</b>
<b>Nutrition</b>	NTDT 460-080* NTDT 475-080*	Community Nutrition Transcultural Foods and Cuisine (Hawaii section only)
<b>Philosophy</b>	<b>PHIL 465-080</b>	<b>Senior Seminar</b>
<b>Physics</b>	<b>PHYS 660</b>	<b>Computational Methods of Physics</b>
<b>Psychology</b>	PSYC 415-080 PSYC 420-080 PSYC 436-080	History and Systems of Psychology Mental Illness: Historical and Critical Perspectives Nature vs Nurture
<b>Spanish</b>	SPAN 490-080 <b>SPAN 491-080</b>	Hispanic World Through Literature <b>Latin American Studies Capstone</b>
<b>Urban Affairs and Public Policy</b>	<b>UAPP 440-080</b>	<b>Contemporary Policy Issues</b>
<b>Women and Gender Studies</b>	<b>WOMS 410-080</b>	<b>Women's Studies Capstone</b>
<b>Honors Program</b>	<b>UNIV 490-080</b>	<b>Honors Tutorial: Varieties of Valuing</b>
<b>Undergraduate Research</b>	<b>UNIV 402-080</b>	<b>Second Semester Senior Thesis</b> (Must be taken for no less than 3 credits.)

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

ANFS 404 and 417: Offered in alternating springs.

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

BHAN 490: Offered Honors in fall semester only.

BMEG 450: Offered Honors in fall semester only

BUAD 441: Offered Honors in fall semester only.

CHEG 432: Offered Honors in spring semester only.

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

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

CISC 475: Offered Honors in fall semester only.

EDUC 470: Offered Honors in spring semester only.

ENGL 480: Open to ENGL majors only.

HDFS 481: Open to ECED majors only.

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

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

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

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

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